19980427.qrp v01_n073.qrs.980427

Date: Mon, 27 Apr 1998 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1073

QRP-L Digest 1073

Topics covered in this issue include:

  1) [9139] IC sockets???
     by tom whalen <whalen@swcp.com>
  2) [9140] CQC QTTF -- 4000 words
     by "Marshall Emm" <mgemm@mtechnologies.com>
  3) [9141] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
     by mwattcpa@earthlink.net (Marty Watt)
  4) [9142] QTTF-1998
     by kh6b@juno.com (Dean W Manley)
  5) [9143] QRPTTF, QSL Cards, Boycott, etc.
     by Bob Hightower <ki7mn@dancris.com>
  6) [9144] Hw8
     by ac5ez@webtv.net (Larry B)
  7) [9145] Mfj 9020 wanted
     by ac5ez@webtv.net (Larry B)
  8) [9146] FDIM Registration Update 28 April 98
     by kt3a@juno.com (Cameron C.R. Bailey)
  9) [9147] RE: CO4BM in QRP-TTF Contest
     by Chuck Carpenter <w5usj@webwide.net>
 10) [9148] ATTN. ANT WIzzzzs...
     by jdenison@morelr.com (JOEL DENISON)
 11) [9149] band plans et-all......
     by Walt Amos <waltk8cv@ameritech.net>
 12) [9150] Re: band plans et-all......
     by mwattcpa@earthlink.net (Marty Watt)
 13) [9151] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
     by "Fred Ringwald" <fred@innocent.com>
 14) [9152] Re: QRP TTF Contest
     by Lynn Simons <lsimons1@ix.netcom.com>
 15) [9153] Re: Polypropolene Rope for Guys
     by "George T. Baker" <w5yr@swbell.net>
 16) [9154] Making a stand on 6 Meters
     by MNHopkins <MNHopkins@aol.com>
 17) [9155] N6WG QTTF 98 SCORE
     by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
 18) [9156] My Compliments

by w2bj@juno.com (Barry J Minsky)
19) [9157] WTB:OHR 100A for 20 Mtrs
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
20) [9158] Re: ARCI TTF Contest:
by Lynn Simons <lsimons1@ix.netcom.com>
21) [9159] QRPTTF results N4UY
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
22) [9160] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
by w4bws@juno.com (Donald E Sanders)
23) [9161] Moxon rectangle is (almost all the way) up!
by Vic Rosenthal <rakefet@rakefet.com>
24) [9162] QRPTTF from Mexican Border
by Paul Harden <pharden@aoc.nrao.edu>
25) [9163] 38s Question
by Richard C Berrill Jr <rjrberri@xnet.com>
26) [9164] Re: GQRP - Autotuner plus loop
by George Gingell <k3tks@u1.abs.net>
27) [9165] Dumb Question ?
by Ed <edn4pk@voyageronline.net>
28) [9166] xtals
by cjayheff@erols.com (C. Jay Heffner)
29) [9167] Re: Dumb Question ?
by Tim Ahrens <tahrens@inetport.com>
30) [9168] Re: Dumb Question ?
by Tim Ahrens <tahrens@inetport.com>
31) [9169] Alaska QRP Club - New Call Sign
by Alaska QRP Club <akqrp@eagle.ptialaska.net>
32) [9170] Re: Dumb Question ?
by n5inz@juno.com (John M Andrews)
33) [9171] Small Loops - Vertical or Horizontal
by Bill & Merleigh Jones <kd7s@psnw.com>
34) [9172] QRPTTF '98 Yet another report from 4 Corners DM56lx {long}
by wa5whn@juno.com
35) [9173] My TTF Story.
by "ukii" <ukii@megsinet.net>
36) [9174] Re: Making a stand on 6 Meters
by "Rud Merriam" <rmerriam@csi.com>
37) [9175] QTTF Contest Scoring and comments.
by WU0L <WU0L@aol.com>
38) [9176] RS Digital SWR/Power Meter -- Service Manual
by astone@erols.com
39) [9177] NC40A - More thoughts on upping the output (long)
by gsurrency@juno.com (Gary L Surrency)
40) [9178] QRPTTF results from ID/UT/NV-WA2IPZ
by "Charles L. Stackhouse" <cstack@safelink.net>
41) [9179] Fwd: Radio Shack 21-527 Digital Meter
by RangerSF5 <RangerSF5@aol.com>

42) [9180] QRP TTF 98
    by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
43) [9181] Re: QTTF Report: WQ2RP
    by Bob Patten <n4bp@bc.seflin.org>
44) [9182] QRPTTF from "The Top of the World" (LONG)
    by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
45) [9183] antenna restrictions follow up
    by Dan Baldwin <baldwin@primenet.com>
46) [9184] RE:SGC2020 final product
    by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
47) [9185] K8FF Paddle question
    by Pete Meier <pmeier@tir.com>
48) [9186] QRPTTF: MA/CT/RI
    by Peter_Simpson@ne.3com.com
49) [9187] Re: K8FF Paddle question
    by Stanley Wilson <microres@crl.com>
50) [9188] Re: QRPTTF-QRP'ers STILL MISSING!
    by LYN <designserv@ipass.net>
51) [9189] EA QRP CLUB (info)
    by "Miguel" <eaqrp-c@arrakis.es>
52) [9190]   Re: Elmer 101 SW-30+ Student List
    by Bensondj <Bensondj@aol.com>
53) [9191] Re: band plans et-all......
    by LYN <designserv@ipass.net>
54) [9192] Re: QRPTTF: MA/CT/RI
    by Zack Lau <zlau@arrl.org>
55) [9193] Murhpy and QRP TTF
    by Chuck Carpenter <w5usj@webwide.net>
56) [9194] QTTF Report de K5FO/5 TX/OK
    by adams@chuck.dallas.sgi.com (Chuck Adams)
57) [9195] UK licensing
    by jim nestor <nestoji@home.com>
58) [9196] Anyone for QRP Railroad Mobile?
    by "Bryan Turner" <turnerw@email.uah.edu>
59) [9197] N2DAN/Steve Nurkiewicz
    by John Paul Keon <jpkeon@bellsouth.net>
60) [9198] qrpttf
    by "Rattray, Bruce" <Rattray@siast.sk.ca>
61) [9199] QRPTTF
    by "Dan Wolfe" <n4roa@mounet.com>
62) [9200] server problems
    by "Rattray, Bruce" <Rattray@siast.sk.ca>
63) [9201] RM Number ARRL/FCC
    by John Paul Keon <jpkeon@bellsouth.net>
64) [9202] NQ2RP QTTF Score
    by "Mark S. Adams" <msadams@acsu.buffalo.edu>
65) [9203] CT LOGGING AND QRPTTF
    by Bill Jones <kd7s@psnw.com>

66) [9204] QRPTTF at 4 Corners (long)
    by Roger Hightower <n7kt@earthlink.net>
67) [9205] RE: An Open Letter to QRP Radio Designers
    by Tracy@bytemark.com (Tracy)
68) [9206] QRPTTF......FUN
    by ab5uacw@juno.com (Clifton W Sikes)
69) [9207] Elmer 101 -- Elmers
    by John Bohnert <johnb@elmhurst.edu>
70) [9208] Elmer101: student feedback
    by Michael Maiorana <mikemo@ibm.net>
71) [9209] Re: 40m Sked
    by jdenison@morelr.com (JOEL DENISON)
72) [9210] Re: antenna restrictions follow up
    by af852@rgfn.epcc.edu (William R Colbert)
73) [9211] QRPTTF Score
    by jmbrown@edge.net (JERRY BROWN)
74) [9212] Re: QRP Harmonics
    by Niel Skousen <nskousen@scientech.com>
75) [9213] Re: CT LOGGING AND QRPTTF
    by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
76) [9214] The Other Alameda Co. Station
    by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
77) [9215] QRPTTF
    by "Joe Spencer" <joes@tcjc.cc.tx.us>
78) [9216] Re: band plans et-all......
    by Steven Weber <kd1jv@moose.ncia.net>
79) [9217] Re: antenna restrictions follow up
    by Dave Sjolin <sjolin@swbell.net>
80) [9218] CW Morsecodians
    by kh6b@juno.com (Dean W Manley)
81) [9219] Re: RM Number ARRL/FCC
    by gsurrency@juno.com (Gary L Surrency)
82) [9220] WTB: Tentec 6m xvrtr
    by Niel Skousen <nskousen@scientech.com>
83) [9221] N6WG QTTF Score Correction
    by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
84) [9222] New QRP wanna be
    by Brian Murrey <brian@iquest.net>
85) [9223] QRPTTF scheduling snafu w/solar-terrestrial condx
    by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
86) [9224] QRP Pizza & Pasta @ NF3I's, May 2, 1998, 6 p.m.
    by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
87) [9225] QRPTTF/WE6W
    by Ed Loranger <we6w@qsl.net>
88) [9226] Re: QRPTTF......FUN
    by "Ed Hare, W1RFI" <ehare@arrl.org>
89) [9227] Re: band plans et-all......
    by KC5TJA <kc5tja@topaz.axisinternet.com>

 90) [9228] Re: band plans et-all......
     by KC5TJA <kc5tja@topaz.axisinternet.com>
 91) [9229] Re: Polypropolene Rope for Guys
     by Monte Stark <ku7y@dri.edu>
 92) [9230] Re: New QRP wanna be
     by Paul Erickson <paul1@wizard.ucs.sfu.ca>
 93) [9231] Re: band plans et-all......
     by Mike Manship <mjmanship@iquest.net>
 94) [9232] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition
(fwd)
     by "Michael A. Gipe" <mgipe@reliablemeters.com>
 95) [9233] Re: QRPTTF Score Question
     by Joe Gervais <vole@primenet.com>
 96) [9234] For Sale GPS 12 ch unit
     by RangerSF5 <RangerSF5@aol.com>
 97) [9235] Band Plan
     by ac5ez@webtv.net (Larry B)
 98) [9236] Re: Band Plan
     by Richard Brittingham <rbritt@visi.net>
 99) [9237] mixed up
     by ac5ez@webtv.net (Larry B)
100) [9238] QRPTTF ME/NH (well, ok. Just ME)
     by KB0VCC/1 <kb0vcc@rocketmail.com>
101) [9239] MANUAL NEEDED
     by QLF%mimi@magic.itg.ti.com
102) [9240] [CQ-Contest] ARRL CAC Needs Input (fwd)
     by Monte Stark <ku7y@dri.edu>
103) [9241] Incentives
     by Monte Stark <ku7y@dri.edu>
104) [9242] Re: QRPTTF-QRP'ers STILL MISSING!
     by Mike - W0TMW <crucis@sky.net>
105) [9243] Just my 8-bits worth
     by "Ken Burrough" <ne0c@1st.net>
106) [9244] Fw: Band Plan
     by "Ken Burrough" <ne0c@1st.net>
107) [9245] qrp calling fre
     by ac5ez@webtv.net (Larry B)
108) [9246] Re: Just my 8-bits worth
     by Andy Fox <foxes@theriver.com>
109) [9247] QRP Calling frequencieS on 40M....
     by Hank Kohl K8DD <k8dd@contesting.com>
110) [9248] QRPTTF reception reports
     by John Mckee <JMcKee@RFMD.com>
111) [9249] QRPTTF Ops Also ARS Qualified?
     by Joe Gervais <vole@primenet.com>
112) [9250] Re: qrp calling fre
     by RangerSF5 <RangerSF5@aol.com>
113) [9251] RE: Just my 8-bits worth

by Andreas Junge <andreas@atltech.com>
114) [9252] Re: mixed up
by Bruce Rattray <rattray@gpfn.sk.ca>
115) [9253] SG2020
by "Jeff M. Gold" <JGold@tntech.edu>
116) [9254] Great Plains Free Net
by Bruce Rattray <rattray@gpfn.sk.ca>
117) [9255] Re: IC sockets???
by Jay Bromley <w5jay@alltel.net>
118) [9256] FS- Kenwood R599/T599 pair
by "Harley L. Miller" <hmiller@sound.net>
119) [9257] RE:Band Plan
by cjayheff@erols.com (C. Jay Heffner)
120) [9258] Re: Just my 8-bits worth
by KC5TJA <kc5tja@topaz.axisinternet.com>
121) [9259] CALLING FREQUENCIES??
by ARDUJENSKI <ARDUJENSKI@aol.com>
122) [9260] band plans
by Roger Braker <msebrakr@telepath.com>
123) [9261] Re: FDIM Registration Update 28 April 98
by Bruce Muscolino <w6toy@erols.com>
124) [9262] QRPTTF
by wd3p@juno.com (Larry Cahoon)
125) [9263] QRP TTF
by Bill Bennett N7DZ <wbennet@azstarnet.com>
126) [9264] Tonebursts, UK repeaters
by Mel Evans <MelEvansGM6JAG@compuserve.com>
127) [9265] QRPTTF HI Details
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
128) [9266] QRPTTF HI, no skip, no glory
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
129) [9267] Re: band plans
by chunt@macromedia.com (Christian Hunt)
130) [9268] FL QSO Party - I ran too much power!
by wd3p@juno.com (Larry Cahoon)
131) [9269] Stuff for Sale
by Larry East <w1hue@amsat.org>
132) [9270] QPRTTF from WY/NE/CO and scoring (long)
by "Zoerb, Ron" <Zoerb.Ron@tci.com>
133) [9271] Re: band plans, upgrading, and mixed modes.
by olyellr@iglou.com
134) [9272] Re: QRPTTF HI Details
by Joe Gervais <vole@primenet.com>
135) [9273] Dupesheets/SPC's
by Ed Loranger <we6w@qsl.net>
136) [9274] Re: band plans, upgrading, and mixed modes.
by Roger Braker <msebrakr@telepath.com>
137) [9275] RS 5 Band Antenna

by "James Fielden" <fielden@utkux.utcc.utk.edu>

Date: Sun, 26 Apr 1998 17:01:35 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9139] IC sockets???
Message-ID: <3543BCCE.3A04@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow QRPer's

My SST-30 arrived yesterday, and have just finished going through the parts list, and all the parts are there! Off to a good start anyway.

Manual says not to use sockets for the IC's. My other QRP rigs all used sockets and did not mention any problems with using them. So, would this rig be different or what? Anyone use sockets in there rig and if so any problems with temp variance or vibration??

Thanks and 72, Tom WB5QYT

Date: Sun, 26 Apr 1998 17:13:04 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU, cqc@mtechnologies.com
Subject: [9140] CQC QTTF -- 4000 words
Message-ID: <199804262313.RAA20330@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If a picture is worth a thousand words, you'll find 4K worth of pix from QTTF on CQC's web site at http://www.mtechnologies.com/cqc. From there click-on the Photo Gallery button.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies

Software, kits, tools...
http://www.mtechnologies.com
(303)752-3382
--

Date: Sun, 26 Apr 1998 23:16:29 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [9141] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
Message-ID: <3543c022.148876179@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Sun, 26 Apr 1998 13:41:11 EDT, kh6b@juno.com (Dean W Manley) wrote:

>Yes, I agree with Ron and others, that we need less FCC rules and
>regulations.
>We also could use more enforcement. Band plans don't solve problems, but
>perhaps someday we can have less FCC regulations and more self-policing
>of the bands. We need to set our own course through the radio clubs, =
with
>the help of the ARRL.

(no reflection on anyone here)

We need to talk up something in the Amateur community. Some of our ranks=
 have
forgotten that self-policing does *not* mean I have the right to police
others, but rather I should always police *myself*. After all, too many
policemen are as bad as any interference I've ever heard.

That having been said, I echo (and bemoan) the lack of enforcement. But =
I
also bemoan the necessity for enforcement, as we've forgotten to police =
our
own station's transmissions!

(Sorry for the bandwidth, but thanks for letting me get that off my =
chest!)

--
72 es 73 de Marty, KM7W

=46ranklin, Tennessee http://home.earthlink.net/~mwattcpa =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Sun, 26 Apr 1998 19:21:23 EDT
From: kh6b@juno.com (Dean W Manley)
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [9142] QTTF-1998
Message-ID: <19980426.132155.5391.1.kh6b@juno.com>

Aloha group -- too many ttf signals, too much QRM on and near 14.060.
I tried to answer a W6 who called CQ TTF. I guess I should have gone to
15 and 10 meters. Mike AH7R and Sam KH6AFS were active on 15 meters. I
closed down my station to work on a new portable antenna system. I can't
wait for QRP operation in the ARRL Field Day in June.
Dean KH6B

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 26 Apr 1998 16:28:04 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU
Subject: [9143] QRPTTF, QSL Cards, Boycott, etc.
Message-ID: <199804262328.QAA07138@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The yl (Bertie N7XJW) and I just returned from an 800+ mile round trip by
road to operate from the NM/TX/XE2 border area, and had bunches of fun
visiting with Tim K5OI and his wife Jan, Doug KI6DS and Paul NA5N, not to
mention the fun of operating the test, when the wind and dust permitted.

So, if you made contact with me (KI7MN), and would like a card from any or
all of those qth's, just drop me a line and I'll send them out, SASE or not.
If you're in the log, you're entitled to a card.

What do I get out of this? Fun and satisfaction. According to the ARRL rules some are so fond of quoting, I am not entitled to a single card from any of my contacts, since I was far out of the limits from my home QTH. Who cares? I don't hang much wallpaper anyway.

For any doubting Thomas's, pictures will be on my page shortly. Including one of the group at the monument.
72,73
Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
http://www.dancris.com/~ki7mn

Date: Sun, 26 Apr 1998 18:34:15 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9144] Hw8
Message-ID: <199804262334.QAA18413@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Got the marine battery wired up to the Hw8 and it works, made two 1.5w contacts on 40 m this afternoon (ark and ILL), not bad for 1.5w.Next I need to build a 40 dipole and find the straight key. Missed this weekend (business trip) but I will be ready next time I hope.
Larry Ac5ez
Qrp-l #1515
Qcwa
Fists #4733

Date: Sun, 26 Apr 1998 18:41:16 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9145] Mfj 9020 wanted
Message-ID: <199804262341.QAA19623@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Looking for an mfj 20m rig. Maybe we can trade something. E mail direct.
Ac5ez Larry

Date: Sun, 26 Apr 1998 19:38:22 -0400
From: kt3a@juno.com (Cameron C.R. Bailey)
To: QRP-L@Lehigh.EDU
Cc: N4XY@ATT.NET, k4pqc@bellsouth.net, G.Heron@dialogic.com, w4qo@amsat.org,
w4du@bellsouth.net, wa8mcq@abs.net, wa4nid@amsat.org
Subject: [9146] FDIM Registration Update 28 April 98
Message-ID: <19980426.193828.3390.0.kt3a@juno.com>

Remember, try to have them in the mail by 8 May 98.
Or, they may cross my path to Dayton!
Send your registration to:
Cameron C.R. Bailey, KT3A
POB 173
Mount Wolf, PA 17347
Checks made out to QRP-ARCI for $10.00 US
I can make special arrangements for DX amateurs
who may not have time to mail from their countries.
Email for help on those cases.
For update info see www.qrparci.org

Conf #	Call	Name	
1	KT3A	Cameron	Bailey
2	NF3I	Scott	Rosenfeld
3	KC5FMZ	Robert	Sorge
4	WA1QAA	Mike	Carr
5	W2MY	Steven	Pituch
6	W2MBY	John	Pituch
7	W0PFR	Terence	Shilhanek
8	KR5L	Jerry	Henshaw
9	WB4TAJ	Bob	Bruner
10	WA9FLX	Dick	Wohlschlag
11	WW4WL	Mitchell	Louis
12	KB2WDK	Bob	Fae
13	KG2ED	Rich	Stamile

14	K2IPH	Marv	Sachs
15		Martin	Lynch
16	W1HUE	Larry	East
17	K1CL	Charles	Ludinsky
18	N8PVZ	Bernard	Gaffney
19	K8IDN	Steven	Bornstein
20	K8IQY	Jim	Kortge
21	G4WIF	Tony	Fishpool
22	G3MFJ	Graham	Firth
23	K5ZTY	Bill	Stietenroth
24	K8AX	David	Brown
25	N5SK	Steven	Karty
26	WA2ECP	Vincent	Passione
27	N9ZZ	Robert	Schill
28		Embedded	Research
29		Embedded	Research
30	K0BC	Gary	Harrison
31	KF0OV	Dan	Copeland
32	W0HX	Stan	Underhill
33	N9QIL	Kenneth	Wezeman
34	W5TWR	Ed	Crowell
35	W8LPR	Michael	Nelson
36	K5HGB	Glen	Reid
37	N7RI	Ralph	Irons
38	WA8RXI	Richard	Arzadon
39	K8ZN	Doug	LeVan
40	AD6AY	David	Fifield
41	WA8HDR	David	Doubleday
42	WD4ET	Jeffrey	Greer
43	KF4TPR	Debbie	Greer
44	WD8AAU	Daniel	Puckett
45	AA5VS	Robert	Bowman
46	WD8JCR	Jim	Wharton
47	KA0GKC	Claton	Cadmus
48	N9AYI	Randy	Jobe
49	N9AYI	Randy	Jobe
50	W4DU	Ken	Evans
51	K4PQC	Phil	Specht
52	W4QO	Jim	Stafford
53	KS4RN	Leonard	Young
54	KC5TUH	Galen	Krisov
55	KD3FG	Jon	Mitchell
56	N3XRV	Chris	Cartwright
57	N3FZX	Ken	McCaughey
58		Bob	Hospadaruk
59	KF6ML	Samuel	Imai
60	N8ET	Bill	Kelsey
61	W1REX	Rex	Harper

62	W5JAY	Jay	Bromley
63	AE4IC	Bob	Kellogg
64	A1XYL	Ellen	Kellogg
65	N5EM	Ed	Manuel
66	VE3FAO	Frank	Roberts
67	K2UD	Howard	Kraus
68	N8VAR	Ron	Doyle
69	AC5II	Don	Doyle
70	WA1FXT	Robert	Cerreto
71	N3SLR	Rich	Bachmann
72	N3BYN	Gary	Johney
73	KM3V	Chuck	Hartley
74	K3TKS	Danny	Gingell
75	WA2YGY	Ray	Johnston
76	W4OP	Dale	Parfitt
77	W7EL	Roy	LeWallen
78	K7RXV	Roger	Steyaert
79	WA6OWR	Jerry	Parker
80	K2SH	Brian	Harold
81	WB9FLW	Peter	Eaton
82	KF6CXC	Bob	Cortez
83	W3HMS	John	Jaminet
84	VA3SB	Serge	Bertuzzo
85		Fred	Massena
86	KE3OA	Dave	Nygren
87	N3RN	Bob	Nygren
88	N8TUT	Douglas	Marsh
89	K9NE	Wayne	Reed
90	KO4CO	Edward	Simon
91	W3QF	John	Muller
92	AB5PC	Dave	Epps
93	N9JXY	Denny	Payton
94	#7404	Ralph	Butler
95	AA1OF	Jerome	Terres, M.D.
96	K5HQV	Ben	McKinney
97	N3SAD	Kathy	Szakonyi
98	KA3ZOW	Dick	Szakonyi
99	KG8IH	Stephen	Trier
100	N4TME	Al	Ruschel
101	N4GBN	Quint	Wilson
102	K1TW	Tom	Walsh
103	AA2YS	Rich	Mulvey
104	K8NI	Norm	Into
105	NC8N	Ernie	Antczak
106	WK8S	Pete	Meier
107	W2SH	Charles	Moizeau
108	N8GKQ	David	Stichweh
109	WB8FNH	Martin	Himes

110 N2YVF   Jeffrey   Nelson
111 KF8EE   Ted Albert
112 K8FF Wayne   Smith
113 K4AVX   John Farler
114 W9MIU   John Strain
115 N0EB Bob Gobrick
116 K9AY Gary   Breed
117 N2APB   George   Heron
118 W4RNL   L.B. Cebik
119 G0BPS   Dick Pascoe
120 G5RJV   George   Dobbs
121 N2CX Joe Everhart
122 KU7Y Ron Stark
123 N1SG Steve   Greenbaum
124 N8CQA   Buck Sweitzer
125 K8DD Hank   Kohl
126 KB0YZY   Tom Samples
127 N3BYY   Scott   Howell
128 KC4MHM   Ed   Miller
129 WB2DVX   Robert   Brown
130 K4NK Les Shattuck
131 N0UU Lawrence Stoskopf
132 K8AQZ   Don   Firlik
133 G7JAB   Peter   Thomas
134   Will Perry
135 N4XY Ed   Tanton
136 WA8MCQ   Mike Czuhajewski
137 WD8JTN   Greg Jivoin
138 K8CQO   Ken Durbin

See you there, kt3a
kt3a@juno.com

____
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Date: Sun, 26 Apr 1998 18:42:20 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: <qrp-L@Lehigh.EDU>
Cc: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
Subject: [9147] RE: CO4BM in QRP-TTF Contest
Message-ID: <3.0.1.32.19980426184220.00691ee4@mail.webwide.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

He was the first of the 3 contacts I made when the QRN subsided briefly here.

<YES... it WAS CO4BM, my good friend Crescencio... from the " Isla de la =
<Juventud" south of Cuba (ex Isle of Pines) .

Now I know what the IJ means -- many thanks for the contact. Running an
NW-20 at 3 Watts into a Butternut HF9V -- no tuner.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sun, 26 Apr 1998 18:49:58 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [9148] ATTN. ANT WIzzzzs...
Message-ID: <199804262349.SAA16670@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang:
I just got through with the most snake bitten ant project I have ever worked on in thirty plus years... but it's up... sort of... one lelment short... :-) (who needs a reflector, I need more room)
Here's the Question... sorta... I was thinking of the coaxal dipole ant and it dawned on me that this just might be an excellent way to feed a LOOP...
My loops sag in the middle because of the coax... soooooo... I thought... what if I take a piece of coax and peel back eighteen feet of shield over the coax and connect the rest of the loop to this shield and center conductor....
top eighteen feet of coax center conductor would be one top cornor of the loop and the bottom of the "folded over shield would be the bottom cornor and the coax could come straight down... this would put the coax where I have good solid support for it and sure beats feeding one vertical side in the middle and trying to pull the feed line away at 90*s ...
If the other three sides of the loop were also 18x2= 36ft. each.. it should be a good vertically polarized forty meter cw loop and give me a chance to add one or more loops to it...
Think about it... would the end effect at the end of the folded over shield mess up things or would it be lessened because it is not "an end" or

a high voltage point... actually it would be about a 1/8 wave point...
        I think the idea will fly... but it sure would be nice if those "in the know" would confirm this or show where the problems lie with this...
        thanks Joel wa5cvm
ps
        got a two element horizontal loop on forty pointed towards alaska... man these maine trees stick to rope like flypaper to flies... this was a nightmare or her cousin... :-)

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
Vertical 3 elm Yagi 30mtr & 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Sun, 26 Apr 1998 23:55:21 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: Qrp-l List <qrp-l@Lehigh.EDU>
Subject: [9149] band plans et-all......
Message-ID: <3543BB59.71C5E4B9@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My worthless two cents.....

CW only needs the bottom 100 of all the bands , let the phone men have the rest!

Walt k8cv

Date: Mon, 27 Apr 1998 00:26:42 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9150] Re: band plans et-all......
Message-ID: <3544cfc3.152877363@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

On Sun, 26 Apr 1998 23:55:21 +0000, Walt Amos <waltk8cv@ameritech.net> =
wrote:

>My worthless two cents.....
>
>CW only needs the bottom 100 of all the bands , let the phone men have
>the rest!

Nah, I like the *next* fifty KCs where the *future* code ops are hanging =
out!!

Date: Sun, 26 Apr 1998 19:28:49 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: <mwattcpa@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [9151] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL
petition (fwd)
Message-ID: <01e901bd7173$73af7be0$5870d9d0@fred.ott.net>

While I agree with Marty for the most part, I would offer a slightly
different definition of self policing. As a community of amateur
radio operators, we should certainly all police ourselves. At the
same time, we should "encourage" each other to police ourselves, and
shun those who don't. That would be our form of indicating to the
troublemakers that they are not fulfilling their community
responsibilities.

Yes, forgiveness also fits in, if our efforts to "encourage" produces
the desired results.

Thanks for the bandwidth.

73s,

Fred Ringwald, AB0AE
fred@innocent.com
-----Original Message-----
From: Marty Watt <mwattcpa@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, April 26, 1998 6:36 PM
Subject: Re: ARLB028 FCC assigns RM number, seeks comments on ARRL

petition (fwd)

On Sun, 26 Apr 1998 13:41:11 EDT, kh6b@juno.com (Dean W Manley) wrote:

>Yes, I agree with Ron and others, that we need less FCC rules and
>regulations.
>We also could use more enforcement. Band plans don't solve problems,
but
>perhaps someday we can have less FCC regulations and more
self-policing
>of the bands. We need to set our own course through the radio clubs,
with
>the help of the ARRL.

(no reflection on anyone here)

We need to talk up something in the Amateur community. Some of our
ranks have
forgotten that self-policing does *not* mean I have the right to
police
others, but rather I should always police *myself*. After all, too
many
policemen are as bad as any interference I've ever heard.

That having been said, I echo (and bemoan) the lack of enforcement.
But I
also bemoan the necessity for enforcement, as we've forgotten to
police our
own station's transmissions!

(Sorry for the bandwidth, but thanks for letting me get that off my
chest!)

--
72 es 73 de Marty, KM7W
____
Franklin, Tennessee   http://home.earthlink.net/~mwattcpa
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Sun, 26 Apr 1998 19:26:13 -0500

From: Lynn Simons <lsimons1@ix.netcom.com>
To: inforhc@mail.infocom.etecsa.cu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9152] Re: QRP TTF Contest
Message-ID: <3543D0A5.732092BB@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Arnie,

Thanks for the very nice QSO the other night. I had just finished aligning the SW - 40 rig. It is the subject of the Elmer 101 project that is running here on the list. I had gotten the rig from Small Wonder Labs. It is a very, very nice kit. Very easy to build and even easier to align! I had just finished the alignment and heard your CQ. I was really amazed at your coming right back to me.

You had a very good signal and even when you reduced power to one watt we could still continue right along! What a way to break in a new 40 M rig, with the first contact being a DX contact! Thanks again!

Hope to see you again soon. Best of luck and good DX.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Sun, 26 Apr 1998 19:44:47 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9153] Re: Polypropolene Rope for Guys
Message-ID: <3543D4FF.D6774448@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Look in QST for Radio Works ad - I have purchased several hundred feet of their OD 3/16" rope - good stuff and very durable.

--
72/73, George

Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

K2UD wrote:
>
> Who knows where to obtain 1/4 inch poly rope in Olive Drab color? I have seen
> parachute cord and nylon advertised, but having difficulty finding poly in
> anything but yellow. All help appreciated.

--
72/73, George
Amateur Radio W5YR
QRP-L #1373 QRP ARCI #9583
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Sun, 26 Apr 1998 20:59:11 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9154] Making a stand on 6 Meters
Message-ID: <33e40bad.3543d860@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Subj: Re: ARRL, FCC, do your worse
To: MNHopkins@aol.com
>a snip>
Are you in a channel 2 area? 6 is dead 8 years out of 11! Get real! The
FCC will give it to the CBers any way.

----(some ham)

Now friends, here is the Spirit of Amateur Radio, right here for all to see in response to my posting that Hams could always rebuild on 6M in spite of the regulators.

Channel 2? We got into it in the fringe area era of the '50s, now it tends to get into us as cable boxes and such leak. Either our commentator cannot build a selective RX or he is lost in the Eisenhower Era (or both).

Six is dead 8 of 11 years? Must be a 20M transplant -- F2 or nothing, say they. Sporatic E? Scatter? Tropo? Leave it to the Commies.

The FCC will give it (6M) to the CBers. The Commission does not learn muich, and much of what it learns is wrong, but even they are not stupid enough to do THAT again. We will keep 50 mc 'cause no one else wants it -- like 200M and down when we got that.

If you get lemons, you make lemonaide, mom always said, and that would be the situation in a revised alotment system in which all the "good" frequencies go where the market directs and hams quit hoging them. You won't find a will, not Maxim's even, that makes us the residuary legatee of reliable world wide DX bands. By most calculations at the Heritage Foundation the system would benefit from another site for Catholic Family Radio at 14.250 and hams, statistically a dwindling bunch of over 50 cigarette smokers, should make do with what our practice justifies, which ain't much. We don't supply a cadre of techno types and we don't serve the public interest save in the publicity stunt sense. So tune up your Sixer, brother, anything else we keep is someone's mistake.

73 de ab5L

Date: Sun, 26 Apr 1998 20:15:37 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: vole@primenet.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [9155] N6WG QTTF 98 SCORE
Message-ID: <351A2DFAE256D111883A0060B06B1662661EDE@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

What a gorgeous day in the SF Bay Area. Clear blue sky, beautiful green hills (at least for another month), comfortable temps and gentle breezes, great view of SF Bay. What more could you ask for in a QRP Field Day?

As usual, Dwight (WA6NAE) and I fired up at one watt. Didn't realize until time to write up our score that there was no multiplier for low power this year. Oh, well. We worked just about everyone we heard anyway. There were a very few stations whose transmitters were stronger than their receivers, so a few got away.

This year we greatly exceeded our previous best scores, so went away happy.
We had 60 QSOs on 40m and 56 on 20m. Pretty good balance this year.
Total of 36 SPCs. With the field multiplier, we came in at 16,704 points. Not bad for one watt.

I expect there will be a lot of stations in the mid US who can beat this, but it's a real step up for us.

Our log is as follows. My apologies for the short form 20m log. I didn't explain the logging procedure to Dwight and Dave, so they wrote down what seemed reasonable to them :-)

Anyway, we're happy.

72, Bob & Dwight & Dave

 <<...>>
 <<...>>

Date: Sun, 26 Apr 1998 21:06:34 -0400
From: w2bj@juno.com (Barry J Minsky)
To: forsale-swap@qth.net, qrp-l@Lehigh.EDU, qrp@qth.net
Subject: [9156] My Compliments
Message-ID: <19980426.210634.4518.0.w2bj@juno.com>

I have read several very negative comments about hams who have been unfair in their dealings with others. I like to look at the positive. My compliments to one ham who has demonstrated the true ham spirit of caring about others. Roger Hightower offered several rigs for sale recently. I agreed to buy one and sent him the money. When the rig arrived, it was defective. Roger discovered that someone who borrowed it from him had "messed around with it." He suggested that I return it to him and that he would repair it. He even offered to pay the postage, which I could not allow him to do. I mailed him the rig, but he was unable to find the problem. It was a kit of which he had another unbuilt. Roger built the other kit and gave it to me in place of the one he had sent me originally. It works well. I just want to let all of you know how much I admire Roger's spirit, sense of integrity, and honesty. We have never met, but I consider him a friend and an embodiment of all that hams should be. Thank you, Roger.
72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, FISTS #2701, Six Club #151
Quarter Century Wireless Ass'n #29298, Old Old Timers Club #3723
 Adventure Radio Society #359, Amateur Radio Missionary Service

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Date: Sun, 26 Apr 1998 21:14:28 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [9157] WTB:OHR 100A for 20 Mtrs
Message-ID: <199804262115_MC2-3B03-1AD5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Looking for an OHR 100A for 20 Metres. If you know of one for sale,
please let me know. Thanks in advance :-).

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
  MWBC
  519-16th Street SE
  Rochester, MN 55904
  507/289-5108 (eves)

Date: Sun, 26 Apr 1998 20:13:00 -0500
From: Lynn Simons <lsimons1@ix.netcom.com>
To: w4dec@dibbs.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9158] Re: ARCI TTF Contest:
Message-ID: <3543DB9C.18619730@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Larry,

Thanks for the QSO in the QRPTTF contest. I was operating in WV at my parents house. I had flown up there for the weekend to let my son go trout fishing with my dad. So I brought my radio and figured I would operate the contest from there putting WV on the air.

I live here in Birmingham. Where were you operating for the contest?

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Sun, 26 Apr 1998 21:28:41 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [9159] QRPTTF results N4UY
Message-ID: <199804270128.UAA05230@dfw-ix15.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gee, after reading all the glowing reports I''m reluctant to tell you all how I did, but my wife just smiles at and shakes her head so here goes.

Set up in Vienna, VA's Meadow Lane Park with another ham and about half a dozen helpers. They brought the hot dogs, soda and club banner. Got some interesting looks from the moms, dads and kids who were doing their normal thing in the park -- playing on the swings and jungle gym, and building stuff in the sand box -- its a great park for kids. The kids were interested in what we were doing -- one little guy asked how I thought I was going to catch fish up in that tree -- his mom just smiled at me a shook her head. Another kid -- about 12 or 13 -- asked if we were talking to people on Mars -- perhaps a comment on the quality of the local schools. I told him I hadn't gotten Mars but did get ND, SD and MN. I think he just smiled and shook his head.

Only got 3 QSOs in the park -- biggest problem was the QRM -- not on the airwaves -- from the club helpers -- next time I won't set up so close to the cooler and the hotdogs.

Used the 20m SST, Tick Keyer, gel cell and 20m loop at the park. Packed up about 1:30 PM EDT and headed home. Tossed a vertical up in a tree and got

4 more QSOs in about an hour. Final result -- 7 QSOs, 9 states. Not too good, but did work UT, SD, and ND -- some rare ones for me. In fact, if my SST puts out 2 watts with a 13.8 volt supply, and proportionately less with a 12 volt supply that means I'm putting out about 1.739 watts. If KD7AEE is 1827 miles from me that's over 1000 miles per watt. Hmmm, maybe it wasn't too bad a day after all. Are you guys smiling and shaking your heads??

Thanks to all who worked on, and in, another fun event.

72/73,

Jake [N4UY]   Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 50/49 (need HI card)
WAC QRP W/C 6/3
WAS QRPp W/C 15/15 (200 milliwatts on a Pixie II / MRX-40 / Tick Keyer combo)
DXCC-Pixie W/C 002/002

"...the harder the conflict, the more glorious the triumph. That which we attain too cheap, we esteem too lightly." Thomas Paine, 12/23/1776

Date: Sat, 25 Apr 1998 17:10:16 -0400
From: w4bws@juno.com (Donald E Sanders)
To: ku7y@dri.edu
Cc: qrp-l@Lehigh.EDU
Subject: [9160] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
Message-ID: <19980425.171440.10782.0.w4bws@juno.com>

I agree with Monte. if this thing goes through itcould mean that anyone who defies the ARRL dictated "voluntary band plan" will be in violation of "the law". So if you are on 7040 with QRP and interfere (fat chance) with a DX phone station or a RTTY station, you will be in violation of the ARRL voluntary band plan since they do not have QRP in that portion of the band.
Don W4BWS
drdon1@juno.com

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Date: Sun, 26 Apr 1998 18:32:22 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9161] Moxon rectangle is (almost all the way) up!
Message-ID: <3543E026.C0E7E86@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

10 meters is going to be the QRP band where all the cool dudes hang out in the next
couple of years, and I'm going to be ready for it. Just finished building a Moxon
Rectangle from the design on L. B. Cebik's web site

http://funnelweb.utcc.utk.edu/~cebik/radio.html

and it's sitting on a push-up pole out back of the house. The antenna is only about
15 feet up at the moment, but as soon as I collect some local kids to help with the
guy wires it will go up to 33 feet.

I made it out of 7/8" and 1" tubing (one size bigger than L.B. specified) and
actually SOLDERED the aluminum tubes into copper elbows. I got some stuff called
"Tinzink Universal Solder" which made tinning the ends of the aluminum tubes very
easy, and then I just sweated them into the copper elbows. The jury is still out on
whether there will be electrolytic corrosion at the joints, though I painted them to
try to keep water out. With the larger tubing, I had to shorten the antenna about
an inch to get a lovely swr of 1.04 to 1 at resonance! It's hard to tell if it
works, because it's too low to rotate now and the band is dead in the direction it's
pointing, but it made the CB hetrodyne on 28.015 vanish, so I'm encouraged.

On 10 meters, anybody can have a beam -- this one was small, cheap and easy, and 33
feet will be an excellent height for DX.

Vic, K2VCO
Fresno CA

Date: Sun, 26 Apr 1998 19:34:38 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [9162] QRPTTF from Mexican Border
Message-ID: <Pine.SOL.3.91.980426173630.28328A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow. What a blast! First, thanks to everyone who mobilized the border stations inspite of poor weather in places and not-so-good conditions. It was a significant effort by many, but the scoring advantage realized by all I'm sure was appreciated. Definitely a neat twist to contesting.

As I write this, Doug KI6DS is flying back to California, Bob KI7MN and Bertie Hightower driving back to Chandler, AZ, and Tim K5OI is probably crashed on his living room couch after a wild weekend. I'm sure they'll post their reports later.

As for NA5N at the TX-NM-MEXICO border: (Soapbox below)

Border stations worked:

AZ-UT-CO-NM 4-corners gang	KK6MC, N7KT
TX-NM-XE2 Mexicali gang	K5OI, KI6DS, KI7MN
AZ-NV-UT St. George	N7CEE
GA-TN-NC "Blue Ridge Boys"	W4ED
CA-NV Donner Pass Party	AE4GX
Cuba/Carribean borders	CO2BM
AZ-UT Grand Canyon gang	WA7LNW
AR-MO Ozark Special	N5OE
ND-SD-MN (2 rare ones!)	N0UR
CA-OR NorCalOrg	W6RA
CA-JA2 border	KD7S

Number Single stations worked:	7 (40M)	21 (20M)
Number of boycott stations worked:	0	0
Stations sending exchange in HTML:	3	5

	40M	20M
QSO/states	26 x5 = 130	39 x5 = 195
Border mult. x3=	390	585
Field mult. x4=	1560	2340
x SPC's/band	x8 = 12,480	x24= 56,160

Total = 68,640

Operating from an INTERNATIONAL BORDER (US/Mex.) was certainly interesting. We finally found the exact spot, marked by several monuments, located in a remote area on the west side of the El Paso in a place you would NOT want to be caught at night, and even during the day was getting questionable! It is an uneventful spot located between two brick factories (one in the US, the other on the Mexico side), and a huge mining Smelter. Picture post card it was not. There is a small monument and N.M. Historical marker where TX-NM-MEX join, and maybe 8 feet away a large monument marking the U.S./Mexico international boundry set in 1889. There are 274 of these markers from El Paso to Ocean City, CA spaced every 8 miles, with this marker labeled "Marker Number One." The exact border was marked by a line of large rocks and a cable from the marker to the Rio Grande river bank about 400 yards to our east. Tim K5OI set up the 20M station under a steel lean-to right next to the cable, the Hightowers parked their RV maybe ten feet from the boundry (20/40M), and NA5N/KI6DS mounted the inverted vee for the 40M station from the historical marker pole maybe 3 feet from the cable fence. Close enough?

We had secured permission from the U.S. Border Patrol by prior arrangement and about every half hour, a different Border Patrol vehicle swung by to see how we were, and pointed out the security camera across the river that was trained on us and being monitored. They seemed kinda mystified as to what we were doing, but will say publically, they were quite concerned about us being there and made special efforts to provide us with security.

Then came the "Mexicano Policia" wanting to know what we were doing (Que esta haciendo aqui?). Doug and I each know about 20 words of Spanish and they knew about ten, but somehow we got it across. We learned a new word ... "telegraphico." It came in quite handy several more times in the day. Then came the fun. We jestured if we could take a photograph of them and Doug stepped over the fence into Mexico soil. They grabbed Doug, put him against their vehicle, spread eagle, and started frisking him. We thought it was all over for Doug for a few short moments. Then the two Mexican police gently turned around and posed for the cameras! With shaking hands we clicked our shutters. As soon as I develop my film, I'll get a copy to Jerry for the NorCal webpage. That photo will be a keeper and I'm sure will be in the next QRPp. We all kinda laughed and they drove away.

A bit later, I had just completed my exchange with N7CEE at 1110 MDT when all of a sudden, two mounted Mexican Police rode right up to the station and motioned from their horses "come here." No time to QSL N7CEE (got your 55N AZ-NV-UT exchange though) and IMMEDIATELY went to see what they wanted with heart thumping away. After a bit of bi-lingual hand jestures and muttering out "telegraphia," all was well. We offered them both a can of Coke, which was accepted without any hesitation, and they hung around about a half-hour looking things over and enjoying their coke.

Other than the Border Patrols, we never saw another gringo all day, but many Mexicans showed up at the site to pik-nik, fish in the river, etc., many quite friendly, coming over to "the cable" curious about what we were doing ... all associating with eachother rather nervously. Later in the afternoon it got very windy, and we were getting pelted with red sandy debris from the two brick factories that was pushing human endurance. But inspite of the numerous interuptions by Border Patrols, the Policia, afternoon gale force winds (El Nino induced, no doubt), a poor RF location due to being in a hole surrounded by mounds of smelter and brick debris and the soft bands ... can't really complain. Still got to work quite a few stations and a good number of the other border stations. It WAS fun, and will definitely be a memorable QRP TTF trip. I'll see Doug getting frisked by the Policia for years to come!

Sunday morning, we all attended a hamfest in Las Cruces, the annual "Mesilla Valley Bean Feed." Lots of fun. Doug walked around with a few copies of QRPp to pass out to any QRPers we might meet, and surpringly, guys recognized the QRPp's, offering stories about building their NorCal paddles, the 38-S, etc. It was really funny watching their reaction when they found out *that* was Doug Hendricks himself. Couldn't believe he was at this hamfest in the middle of the desert. One was fellow QRP-Ler N5FN (?).

Our stay in El Paso was excellently hosted by Tim Pettibone, K5OI and his lovely YL Jan in Las Cruces, NM. They were superb hosts to us all, and we all appreciate their hospitality.

Hope all had fun as well, border or not.

72, Paul NA5N

Date: Sun, 26 Apr 1998 20:43:04 -0500
From: Richard C Berrill Jr <rjrberri@xnet.com>
To: Qrp Mailing List <QRP-L@Lehigh.EDU>
Subject: [9163] 38s Question
Message-ID: <3543E2A7.5806166D@xnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just finished a 38s kit (and someone said there were none left) It fired up fine no smoke and I heard that welcome hf hiss from it. I fired up my signal generator and heard a signal at 10.102 on the bottom, and at

10.121 on the top end. The only thing that troubled me is that this is about 10 below the specs. The other troubling thing is that I couldn't hear any other signals that I could on other receivers. I hooked up the dummy load and the transmit range was identical. With these 2 problems in hand I set out to trace the signal but couldn't find a break anywhere. Is this a problem anyone else encountered?

Any help is great,
Rich

Date: Sun, 26 Apr 1998 22:11:46 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: LDG Electronics <ldg@radix.net>
Cc: QRP List <qrp-l@Lehigh.EDU>, RRRAV <RRRAV@aol.com>, G-QRP Club E-mail Reflector <gqrp-l@blacksheep.org>
Subject: [9164] Re: GQRP - Autotuner plus loop
Message-ID: <Pine.BSI.3.96.980426215934.18277A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am relaying this note to you guys as I am also interested in the answer to the question.

I have both the QRO & QRP Models (Unbuilt yet) and was laying in bed the other night wondering just the same question more or less.

Actually what had in mind was a Cross between your LDG Auto Atu and the EMtech ZM-2 ATU which is a Z-Match Ckt. more or less made for Balanced lines.

I had been more or less planning to install the LDG ATU in a waterproof case along with gellcell and solarpanel at the base of a new 80 Meter Horizontal Loop at about 45 feet up in the trees with 450 ladder line feed to the antenna. maybe RG8X from shack to ATU.

Of course, I could also just put the rig in the box also. :^)

The BOX is QRO. 12 X 12 X 6 With a Glass window. I think it came from USN.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Sun, 26 Apr 1998, RRRAV wrote:

> George(G3RJV) has stirred the ancient grey matter here with the prospect of
> kits for the LDG tuner.The question that popped up is can an auto-tuner be
> usefully used with a loop antenna.I have looked in the SGC(makers of the
> Smartuner) website (http://www.sgcworld.com) and found that their units are
> suggested for loops as well as the usual e/f wires,verticals etc.A couple of
> questions arise...anybody had any experience with a loop and an
> autotuner...anybody got any thoughts on sizes etc?I am no antenna wizard but
> like most always looking for the most from a minute bit of real estate!!I
> believe the LDG tuner was in QST in a Jan issue of 96 or 97,guess which issue
> I cannot find in my backnumbers!!
> 73/72   Ron G4CFW   GQRP 113   e-mail rrrav@aol.com
> ---
> Via GQRP-L - The G-QRP Club mailing list
>

Date: Sun, 26 Apr 1998 22:19:46 -0400
From: Ed <edn4pk@voyageronline.net>
To: QRP <qrp-l@Lehigh.EDU>
Subject: [9165] Dumb Question ?
Message-ID: <3543EB42.8AF19DC9@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Re: Tant. caps.
I assume that the "strip" denotes the plus side of a tant. cap ??
Am I right ??
Tnx...72/73
Ed N4PK
QRP-L #1307

Date: Sun, 26 Apr 1998 22:28:05 -0400 (EDT)

From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-l@Lehigh.EDU
Subject: [9166] xtals
Message-ID: <v01520d25b169650bab99@[207.172.109.110]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here is an update on the list of xtals I posted earlier; asking $2 each, I pay S&H:

2meter xtals:

TX	RX
146.31	146.91
146.52	146.65
146.055	146.79
146.19	

Also dug up a 122mHz and 6000kHz xtal.

73/72,
Craig, KF4NYZ

Date: Sun, 26 Apr 1998 21:37:32 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: edn4pk@voyageronline.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9167] Re: Dumb Question ?
Message-ID: <3543EF6C.94AF194@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep!

cu

Tim W5FN

Ed wrote:
>
> Re: Tant. caps.

> I assume that the "strip" denotes the plus side of a tant. cap ??
> Am I right ??
> Tnx...72/73
> Ed N4PK
> QRP-L #1307

Date: Sun, 26 Apr 1998 21:39:47 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: edn4pk@voyageronline.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9168] Re: Dumb Question ?
Message-ID: <3543EFF3.F06AD3AB@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

oops, yep to the stripe, nope to the dumb question!

Tim W5FN

Ed wrote:
>
> Re: Tant. caps.
> I assume that the "strip" denotes the plus side of a tant. cap ??
> Am I right ??
> Tnx...72/73
> Ed N4PK
> QRP-L #1307

Date: Sun, 26 Apr 1998 18:38:39 -0900
From: Alaska QRP Club <akqrp@eagle.ptialaska.net>
To: qrp-l@Lehigh.EDU
Subject: [9169] Alaska QRP Club - New Call Sign
Message-ID: <v03007800b169a7cd9784@[204.119.15.185]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

     The Alaska QRP Club has just received its NEW call sign...

                                                *** KL7AQC ***

We are looking forward to activating our new call sign,
in the next appropriate QRP event...

72 - Bruce - KL7JAF

Alaska QRP Club - KL7AQC

Alaska QRP Club Web Site: http://www.ptialaska.net/~bhopkins/akqrp/

Date: Sun, 26 Apr 1998 21:47:10 -0500
From: n5inz@juno.com (John M Andrews)
To: edn4pk@voyageronline.net
Cc: qrp-l@Lehigh.EDU
Subject: [9170] Re: Dumb Question ?
Message-ID: <19980426.214710.3198.7.N5INZ@juno.com>

Yep...."usually"- But a electrolytic carries a stripe and means negative-
go figure.

A better way to tell is look for a slightly longer lead, that's the plus
side- many
components use this "code"- i.e. LED's.

72, John- N5INZ

_____
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Date: Sun, 26 Apr 1998 14:23:43
From: Bill & Merleigh Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [9171] Small Loops - Vertical or Horizontal

Message-ID: <3.0.5.16.19980426142343.2527b8c2@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Friends,

I have had a fair amount of experience building and using small loop antennas. Perhaps I can shed some light on how they should be mounted.

If you look at the radiation pattern in the vertical plane you will see that it is omni directional at fairly high take-off angles. But as the angle decreases the pattern becomes narrower and narrower toward the plane of the antenna itself. So, in most cases the loop should be mounted vertically and the only time you have to worry about rotating it is when you're working DX stations.

If you want to mount the loop horizontally, you will get a very nice omni directional pattern. However, the antenna must be mounted at least as high (and preferably higher) than a conventional dipole. Also, it CANNOT be mounted on a tower or other metalic support. These loops will absolutely die if they are mounted anywhere near large masses of metal (except in the case of radials -- see below.) They MUST be in the clear no matter how they are mounted.

Now, after saying that, the efficiency of a small, vertical loop can be increased measureably if it sits over one or more resonant radials. The improvement is better at the lower frequencies where the antenna is a smaller fractional part of a wavelength. So, let's say you have a 3-foot diameter loop mounted on top of a ten foot 4x4 in your back yard. The addition of two or three 16-foot radials underneath the antenna will improve the efficiency significantly on 20 meters. As an added bonus, the bandwidth will increase as well. Finally, my experiments have shown that the radials don't even have to be connected to the antenna itself to work. They can be tied off just beneath the antenna instead of being soldered to the coax connector shell.

These antennas really do perform when they are properly constructed and installed. Just don't expect a 3-foot diameter loop to work on 30 or 40 meters, even if you can tune it there. But that's another story for another day.

==========
Merleigh Jones <><
DIR (Declutterer In Residence)
==========

Date: Sun, 26 Apr 1998 20:46:47 -0600
From: wa5whn@juno.com
To: qrp-l@Lehigh.EDU
Cc: jparker@fix.net
Subject: [9172] QRPTTF '98 Yet another report from 4 Corners DM56lx {long}
Message-ID: <19980426.204656.2694.0.wa5whn@juno.com>

WOW !!

KK6MC - Jim, W5BI - Gary & I had left Albuquerque about 1530 UTC on Friday, April 24th, car to car on 146.46 MHz FM simplex. This is about a 4.5 hours drive, one way up to 4 Corners. We had stopped in Cuba, NM @ the Del Prado Mexican restaurant. We had figured if the 4WD vehicles were getting gas, we should also. Windows were rolled down the rest of the trip. ;)

When we were within 40 miles of 4 Corners, we had starting calling N7KT & AB7TT on .46 simplex. No answer. We had topped a hill, outside of Shiprock, NM {Does it really look like a ship ?} we would call N7KT & AB7TT several times. OK, maybe Roger - N7KT & Joe - AB7TT are maintaining radio silence. We were thinking of calling someone back in Albuquerque, on the UHF links, and finding out if they had left Phoenix. Within 10 miles of 4 Corners, outside of Teec Nos Pos, AZ. we copy Roger calling us. Wahoo !!! He had just laid down for a quick nap, since he had driven for 8 hours. We had figured that AB7TT was still sick & Steph {wise Woman, Joe's lovely bride} had kept him @ home. We all meet @ the 4 Corners Monument & discuss strategies & logistics for Saturday, April 25th.

That {4 Corners Marker} circular cement slab is approximately 30 feet in diameter, with a wooden viewing platform on on the Az. side of the border & a bronze marker in the middle. If the Navajo {Denah} Indian Nation {NM, AZ. & UT side}, Ute Mountain Indian Nation {CO side} & the US Gov. recognize that slab as an official boundary between 4 States & 3 Nations, we won't argue. The monument is out in the middle of the desert. Off of 597 & highway 160.

Assuming the speed of light is a constant, what time is it on the AZ side of the marker when standing on the CO side ? ;) {AZ goes does not go on daylight savings time, CO does, however, since the marker is resides on both Ute Mountain & Navajo/Denah Nations, both recognize daylight savings time. } The only place in AZ that goes on daylight savings time, is on the Indian reservations.

The 4 Corners Monument is open from 1400 UTC to 0000 UTC daily {winter hours}. We had checked in with the caretakers. We were told that we

could not spend the night @ the monument. That evening, we had headed for Cortez, Colorado. It's 38 miles driving {one way} to Cortez. Roger & Jim had set up Roger's pop up camper trailer @ the KOA in Cortez, Gary & I had settled for an Eco-Lodge {same price}.

Saturday {QRPTTF}, we arrive at the 4 Corners monument around 1500 UTC. All of us had agreed to bring along radio gear that would allow us to move the station very quickly. We were told that we could not set up right over bronze marker. But we had done the next best thing. Roger, N7KT was in his Jeep. This has a High Sierra HF mobile antenna mounted on it. He had worked an FO enroute to the monument, plus Nova Scotia, during the contest. Roger would move less than 200 feet & cover all 4 States. Roger could set up his operation remotely too. W5BI had set up his pick up, such that the he could cross both borders by moving less than 120 feet in the vehicle. Jim had set up such that the Station was on the Border of Utah & AZ, but the antenna could be strung from NM to Colo.. A source of local QRM, with all of those antennas in close proximity. We had drawn so much attention to ourselves that the first day, we had over 50 visitors stop and ask us what we were doing. KK6MC was absolutely correct. We should have brought some signs & brochures. Most all of the Navajo/Denah Vendors {Silversmiths} had stopped by. In fact, one of them wants to get his license. We had a nice chat with a Ham from Hanover, Germany. He had told us about a most interesting custom in Germany, on a couple's wedding day & 25th anniversary, their friends contribute funds for gifts. Their Friends had sent this couple, on their 25th wedding anniversary, to the USA. We had a very nice chap from the UK talk to all of us. We had more positive exposure here for Amateur Radio & QRP, than anything that we had personally done in the past. In fact, this activity had kept us busy answering questions.

We hear Jim yell "I got AH7R on 15 cw." Roger quickly tunes to that freq. & he is gone. Roger copies a partial AL7 callsign, but QSB takes that station out. In less than a few seconds we had S-9 signals on 20 meters go from S-9 to the noise level. Roger nails Nova Scotia. 15 meters is open to the NW USA, Canada & the SE USA. 20 meters has rapid QSB. On 40 meters, QRN level & local QRM makes it most challenging to operate.

Gary & I had set up the N4C SES. We were working People in the Florida QSO party. Interesting, we were the cause of 3 software failures in their logging programs. It seems that they can not enter the same callsign for 4 different States into these new logging programs. We had explained to these stations what we were doing & had talked about the QRPTTF event taking place at the very same time. This had a very positive effect, these stations would tune the low end of the cw band hunting for QRP stations. We had one ham, on the air, tell us that N4C could not be a valid FCC callsign. Essentially, N7KT & KK6MC were operating cw, and W5BI & I were on SSB on N4C SES. This had allowed those tourists standing around us to hear what we were doing.

Yes, we did operate from all 4 States simultaneously & the border of 3 Nations {Ute Mountain Indian Nation, Navajo/Denah Indian Nation & USA} How can you argue with someone whose station {radio} sits on the border of NM/AZ. and antenna sits in CO/UT ? We had worked a Ham, who had operated from the 4 Corners marker in 1959, prior to addition of the fence, vendors, cement slab, etc.. He is sending to me the newspaper article, talking about this event.

Lots of tourists would just stop & talk to us, and ask us what we were doing. Not one negative comment.

The weather ? Well, it was partly cloudy, and a bit chilly with a slight breeze. A thunderstorm had passed off to the north of us. The last 20 minutes, we had wind gusts up to 35 mph. We had worked numerous stations & had enjoyed every moment. Thanks NorCal, AB7TT & all of you.

Saturday evening, all 4 of us had visited a very nice local restaurant in Cortez, CO.. Good food & good friends, it just does not get any better than this.

On Sunday {April 26th}, we had returned to the 4 Corners, and set up again. This time KK6MC was first on the air as N4C SES, and had worked numerous stations. The last contact was W5BI's Dad {WB8RAA} @ 1800 UTC.

We had headed for home & had driven through a blizzard on Highway 44. Whew ! We were very glad to have this storm bypass us @ 4 Corners.

For those who are interested, do visit the Code Talker Museum in Kayenta, AZ..

72 ...Jay, WA5WHN DM65qd Albuquerque, NM USA

_____
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Date: Sun, 26 Apr 1998 22:28:09 -0500
From: "ukii" <ukii@megsinet.net>

To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [9173] My TTF Story.
Message-ID: <006301bd718c$82c12ca0$d44e85d0@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Gang.
Just wanted to throw my TTF story out here so you all can see
just how good YOUR setup's must have been.
I have been remodeling my house for quite some time so
I haven't had time for radio. I do have a 51ft tower in the yard that will
go up this summer,but for now all I have is an Antron99 10mtr vertical.
I had a multiband dipole up on the roof,kinda hanging between the
chimney's,you know,a "I'll just put it here until"...
Well,after trying to get a jump on everyone by starting the contest
on Friday night,,,,uhhhh,opps....
    Ok,Saturday afternoon,got done hanging a few pieces
of drywall and figured I would take a quick break.
Came into the shack,turned on the radio and I am hearing
all kinds of signals! Wow,whats goin on,,,Oh,the contest!
Ok,I tune to 15meters,nada,20mtrs,nix,geez,40mtrs,ah ha!
Ok,switch to the dipole,tune the tuner,hey,this aint right...
Hum,coax connected,shorted,hum,quick peek outside
reveals that my quick "temporary" dipole installation has
failed! The kite string only lasted 1 year... Sheesh,now what?
    Well,hooked the antron99 to the tuner,loaded it up on 40meters and
worked as many people as I could. My first call was to W5ON,
hum,can he hear me? Yes,first call! Then after tuning I find K4XY
and N4KN. Cool,,,I like this,,,ohohoh there is N4ROA,got him! WOW,
VA,TN and NC! Geez,that blew me away when he gave me
3 rst's! (strange they were all different!)
    Anywho,just wanted to thank all of YOU! Man you guys must really
have had quite a setup to hear a Ten meter vertical mounted up 15ft.
I was running 1 watt on my Icom 735. There was a time or two that
I was hearing qrpers qrming other qrpers,geez,hows that
for efficient use of power...
Yes,toward the end I did hear some stuff on 20mtrs and my Antron really
worked there! Got the UT,CO,NM,AZ guy (sorry, old age)
Man what a blast! Cant wait for the next one,got my old bedspring
out,rusting,to improve the skin effect...
Thanks Much guys!
Best 73 de John
N9UKX
37qso's 23 states,1 Cornadian.

Date: Sun, 26 Apr 1998 22:25:26 -0500
From: "Rud Merriam" <rmerriam@csi.com>
To: <MNHopkins@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9174] Re: Making a stand on 6 Meters
Message-ID: <199804270328.XAA01693@hil-img-ims-4.compuserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I did tune up a 6m rig today. 10w into a dipole. It is an MFJ-9406. Once this Tech learns the code I'll be there with CW and SSB.

As for public service, what have you done lately. My call is 26 days old. Last weekend was the largest MS-150 and this weekend the largest March of Dimes walk. Worked both of them and the MS-150 is all weekend. They particularly like hams according to the medics I worked with. No other attempt at communications worked until the hams came in.

Also have TV-2 in Houston. I'll make 50 this year. But I don't smoke. See you on 50.200 someday.

73
Rud Merriam KD5DTV
rmerriam@csi.com

> From: MNHopkins <MNHopkins@aol.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Making a stand on 6 Meters
> Date: Sunday, April 26, 1998 7:59 PM
>
> Subj: Re: ARRL, FCC, do your worse
> To: MNHopkins@aol.com
> >a snip>
> Are you in a channel 2 area? 6 is dead 8 years out of 11! Get real! The
> FCC will give it to the CBers any way.
>
> ----(some ham)
>
>
> Now friends, here is the Spirit of Amateur Radio, right here for all to see in
> response to my posting that Hams could always rebuild on 6M in spite of

the
> regulators.
>
> Channel 2? We got into it in the fringe area era of the '50s, now it
tends to
> get into us as cable boxes and such leak. Either our commentator cannot
build
> a selective RX or he is lost in the Eisenhower Era (or both).
>
> Six is dead 8 of 11 years? Must be a 20M transplant -- F2 or nothing,
say
> they. Sporatic E? Scatter? Tropo? Leave it to the Commies.
>
> The FCC will give it (6M) to the CBers.   The Commission does not learn
muich,
> and much of what it learns is wrong, but even they are not stupid enough
to do
> THAT again. We will keep 50 mc 'cause no one else wants it -- like 200M
and
> down when we got that.
>
> If you get lemons, you make lemonaide, mom always said, and that would be
the
> situation in a revised alotment system in which all the "good"
frequencies go
> where the market directs and hams quit hoging them. You won't find a
will,
> not Maxim's even, that makes us the residuary legatee of reliable world
wide
> DX bands. By most calculations at the Heritage Foundation the system
would
> benefit from another site for Catholic Family Radio at 14.250 and hams,
> statistically a dwindling bunch of over 50 cigarette smokers, should make
do
> with what our practice justifies, which ain't much. We don't supply a
cadre
> of techno types and we don't serve the public interest save in the
publicity
> stunt sense. So tune up your Sixer, brother, anything else we keep is
> someone's mistake.
>
> 73 de ab5L
>

Date: Sun, 26 Apr 1998 23:35:11 EDT
From: WU0L <WU0L@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9175] QTTF Contest Scoring and comments.
Message-ID: <a4797036.3543fcf1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

What is the correct way to calculate the score? I have seen two different ways on QRP-L already now so I am confused.

1. Calculate for each band separately (QSO Pts. for the band X SPC for the band X Field Multiplier) and then add each of the band results for the overall score.

2. Take your total QSO Pts. for all bands X (SPC for each band and added together) X your field multiplier.

The results are very different.

>From my location in the foothills of ther Rockies in Jefferson County, Colorado conditions were quite good. At first 15M wasn't open, so I went to 20M. One twenty I was working all over the country very easily. About 19:00 I gave 15M a shot and worked 14QSO in about an hour. Then I gave 40M a shot and worked 17 in about an hour. Then back to 20M and worked 33 in the last hour. That last hour was about as good as I can do during Field Day.

I had to take a half hour off for a thunderstorm. The lightning was getting a little close for comfort with my Butternut multi-band lightning arrestor. Off and on it was snowing also. Elevation about 7000 ft.

It was a great contest. My hats off to the sponsors.

What is the definition of being on the border. I know at least one that I worked would require a boat (the Titanic). Hi Hi

My initial plans were to be on the Colorado-Kansas border but then I had to travel all week and couldn't get my plans together. Seems like something comes up every year.

72 Mark WU0L

Date: Sun, 26 Apr 1998 23:44:33 -0700

From: astone@erols.com
To: qrp-l@Lehigh.EDU
Subject: [9176] RS Digital SWR/Power Meter -- Service Manual
Message-ID: <35442951.31B2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi: Does someone have the service manual for this meter? I'd like to get a hold of the schematic and calibration procedure. Also, has someone checked the accuracy of the meter? Thanks for your help.

72,

Ron (KA3J)
Bethesda, MD

Date: Sun, 26 Apr 1998 20:50:31 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [9177] NC40A - More thoughts on upping the output (long)
Message-ID: <19980426.205201.10214.2.gsurrency@juno.com>

I have received several emails about my earlier posting on how to increase the output of the Norcal / Wilderness Radio 40A, and / or Sierra. Some have asked where to obtain the MRF237 or 2N3924. Well, guys, that's a very good question. One source I had until recently, just informed me they will no longer be selling semiconductors. And RF Parts, MCM, etc., want a premium price for any of the now-obsolete metal can TO-5 and TO-39 RF transistors. So if you are lucky enough to find any of these, you'd better scarf them up quick, 'cause they aren't making them anymore.

This is probably the reason why a lot of today's QRP radios are using alternative dvices for the PA transistor. Dave Benson mentioned this in the SW40+ or Elmer101 manual, and Dick Witzke of OHR has told me the same thing on the telephone. There are still 2SC799s around, but they aren't quite as "hot" as the MRF237, MRF476, 2N3924, etc.

HOWEVER.....

Bob Follet wrote a piece a while back about increasing the output of the Sierra that was very good. In it, he mentions using a J310 device for the TX mixer buffer stage. Gang, l concur wholeheartedly with Bob. If you

haven't tried the J310, by all means do so. With the J309 in mine, and the drive level turned down to 50mw, the J310 gave 700mw with the same conditions. Also, where the J309 produced only about 2 watts with the 2SC799 - the J310 produced nearly 4 watts under the same conditions! This is pushing the 2SC799 pretty hard, and it is not rated for this much output for very long and it will no doubt expire prematurely if you aren't careful.

But if your NC40A is a bit anemic, and seems to have trouble achieving what it is supposed to - try changing buffer Q5 to a J310. These are still available from several places. It appears the drive to Q6 (a 2N2222A) is a little on the low side, and the J310 just works better to correct this.

Note that late model Sierra's may already have this change incorporated.

In the NC40A, the ideal lineup would be a J310 for Q5, a premium MPS2222A for Q6, and a 2N3924 or MRF237 for Q7. You should be able to get at least 5 watts output with this combination, and maybe as much as 6 watts as mine will achieve. Play it cool, and reduce the drive level to 4-5 watts to be safe with questionable antennas like you might run into on QTTF or FD. Spurious emmisions will likely be less, too. I replaced the 500 ohm drive trimmer in mine with a 200 ohm unit for a broader adjustment. Less than 50mw is still possible with the control fully counter-clockwise.

The collector choke seems to handle the additional current of near 5 watt opeartion, but it is just starting to get warm at 5-6 watts. So there is certainly some loss in it. But unless you cannot achieve ~ 5 watts with everything you try - I wouldn't recommend changing it. Other collector choke options such as bifilar transformers, etc., aren't easily adapted to the PCB layout.

Note that you must have a *very* light touch on the bandpass filter trimmer, C39, to extract all the output that is possible. It is very touchy to peak, but the payoff is worth the trouble. Set the output level to less than 1 watt so you don't overheat the PA during long adjustments.

One of the primary reasons it is hard to get 3-5 watts output with several of the alternate devices - such as the 2N3553 - is that these transistors were designed for use at 28 volts, not 12 - 13 volts. As a result, their collector efficiency is less at these voltages. This was mentioned in "Revisiting the 40-40" in the ARRL's "QRP Power" book.

So do not try to use the devices that *were* designed to operate at 12 volts from a higher voltage, such as 15-17 volts as mentioned in the NC40A's manual. You will probably blow the device under that much suply voltage.

It *is* necessary to change the protective zener to at least 43 or even 51 volts when the output reaches 5 watts. Otherwise, the zener will draw power and possibly short.

The 2N3924 I was lucky enough to obtain easily achieves 5 watts with this setup, and ran cool during the entire QTTF operation with the heat sink supplied by Wilderness Radio. It is a very efficient device at 12 volts, as is the MRF237 - if you can lay your hands on some. Just don't blow the MRF237 when you get one by not reversing it's C and E leads. It is probably best to put it on the bottom of the PCB, and heat sink to the bottom cabinet with a little thermal grease. Its case is connected to ground, so no insulation is necessary. And its pinout works correctly when installed upside-down without any lead re-configuration.

I hope this answers some of your questions on the 40A, and gives you some things to try - even if you can't find a replacement PA transistor, or just want a little more output with the one you have.

Of course, some QRPers are perfectly happy with 0.95 watts, or even 2 watts with this rig. If so, that's fine. But for some of us, a little bit of extra power sure helps when using less than ideal antennas, as I have. To each his own, I say. :-)

Thanks for the bandwidth.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A @5w
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 27 Apr 1998 04:14:31 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [9178] QRPTTF results from ID/UT/NV-WA2IPZ
Message-ID: <19980427042503214.AAA178@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings from WA2IPZ:

Friday evening- I scouted out a flat spot overlooking Goose Creek as close as possible to the 3 corners of ID/UT/NV. There was a runoff swollen creek, posted cow pasture and steep bluff between my location and the actual border. I leveled the truck camper, put up the multiband inverted vee in the dark (133 ft long, fed with 450 ohm ladder line, center up 32 feet and ends at 12 ft with surplus fiberglass poles and guys tied off to sagebrush and tuned with MFJ-949D), cooked supper and turned in. Wind rocked the camper all night but antenna stayed up.

Saturday- Dawned clear and windy. Set up station, made few warmup QSO's, and was at the key at the starting time. First contact was Russ/AA7QU (unlike his backpack camping I had hot and cold running water, propane stove and heat, and was out of the wind inside the camper). Worked long and hard at the contest except for 1 hr nap in midafternoon. I came with 20 printed logsheets and used only 2! Is it possible the wind was blowing the RF off the antenna faster than the Argo 515 was making it (4 watts on 40 and 2 watts on 20)? My best DX was NY (thanks NQ2RP).

	80	40	20	15
QSO		0	21	11	0
S/P/C			7	11	

Raw score =32 x 5 x 3 x 4 x 18 = 34,560 points

Things I learned. Tuning of the antenna was extremely sharp. I got SWR's of 1.1 on 40 and 1.5 on 20 but settings were very touchy. Using the Autek RF-1 to tune the tuner really helped. Without the SCAF audio filter the Ten-Tec Argo 515 wasn't selective enough. Don't eat a big lunch during contest as no QSO 's were logged during nap.

It was a lot of fun. Thanks to Joe/AB7TT and Norcal. The QRP-L sure generated a lot of excitement and involvement.

73, WA2IPZ Charlie Burley, ID QRP-L 362
Norcal 341 ARCI 7547 GQRP 6957

Date: Mon, 27 Apr 1998 00:36:03 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: astone@erols.com, QRP-L@Lehigh.EDU
Subject: [9179] Fwd: Radio Shack 21-527 Digital Meter
Message-ID: <139806d7.35440b35@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part0_893651763_boundary"

This is a multi-part message in MIME format.

--part0_893651763_boundary
Content-ID: <0_893651763@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

Looking at the back the wires are
                                    *   *
*
                                WHT   GND   RED
In the peak setting,it's auto update every second.
Try to get the info from QST of last june or july
Bob
WA2HOQ
Many Thanks to Russ Garner WA0UIG for posting this info for everyone last week
Good luck
Bob
WA2HOQ

--part0_893651763_boundary
Content-ID: <0_893651763@inet_out.mail.aol.com.2>
Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

Return-Path: <owner-qrp-l@Lehigh.EDU>
Received: from relay19.mx.aol.com (relay19.mail.aol.com [172.31.106.65]) by
     air16.mail.aol.com (v42.1) with SMTP; Sat, 18 Apr 1998 23:57:16 2000
Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
       by relay19.mx.aol.com (8.8.5/8.8.5/AOL-4.0.0)
       with ESMTP id XAA20566;
       Sat, 18 Apr 1998 23:56:35 -0400 (EDT)
Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
     <12804-69444> convert rfc822-to-8bit; Sat, 18 Apr 1998 23:56:00 -0400
Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoii.cc.Lehigh.EDU
     with ESMTP id <12390-49734>; Sat, 18 Apr 1998 23:55:36 -0400
Received: from arl-img-1.compuserve.com (arl-img-1.compuserve.com
     [149.174.217.131])
     by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id XAA18668
     for <qrp-l@Lehigh.EDU>; Sat, 18 Apr 1998 23:55:32 -0400
Received: (from mailgate@localhost)
     by arl-img-1.compuserve.com (8.8.6/8.8.6/2.10) id XAA00310
     for qrp-l@Lehigh.EDU; Sat, 18 Apr 1998 23:55:02 -0400 (EDT)
Message-Id: <199804182354_MC2-3A54-C970@compuserve.com>
Date: Sat, 18 Apr 1998 23:54:45 -0400
Reply-To: 71544.1645@compuserve.com
Sender: owner-qrp-l@Lehigh.EDU

Precedence: bulk
From: Russ Garner <71544.1645@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Radio Shack 21-527 Digital Meter
Content-Disposition: inline
X-Sender: Russ Garner <71544.1645@compuserve.com>
X-To: qrp-l <qrp-l@Lehigh.EDU>
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

Listers--

This post presents a high yawn factor if you
are not interested in details on the RS Digital SWR/Power
Meter. This is a repeat of a post made in mid-1997. For some
strange reason, I have felt, and feel now, that this product
incorporates some very slick engineering design and
manufacturing effort. In my opinion, this is a sophisticated
device--as <ham> devices usually go.

I bought the device and ordered a service manual.
The following items are a partial supplement to the data
in the QST review (June, '97).

1) The review mentions a "bewildering cascade of digits":
Although the little Owner's Manual does tell you NOT to talk
into the microphone while making SWR measurements,
it does not offer the same caution for power measurements.
Do we normally talk or send CW while taking power readings? 8^).

2) The Owner's Manual lists power accuracy at +/-10 percent full
scale; the Service Manual properly shows +/- 10 percent of <reading>.

3) SWR accuracy at input SWR of 1:1........+0.2/-0.0 percent. Accuracy
at 2:1........+/-0.4 percent. Note the decimal points!

4) Power switch on the display unit switches LCD power and
backlighting. It does not remove power from the display unit logic.

5) Display unit includes an 80-pin microcontroller (CPU) and an
8-pin EEPROM. The CPU includes eight 8-bit A/D converters (only
six mentioned in the manual and only a few actually used for
measurements). LCD control is integrated into the CPU,
with 28 pins dedicated to the LCD module. The EEPROM stores
<constants measured during the calibration procedure.>

6) Calibration requires a first-rate RF wattmeter (accuracy 5 percent
of reading) and a first-rate dummy load. Put the device into calibration
mode and apply 1-, 5-, 10-, 50-, 100-, 500-, and 1000-watt input levels
at 7.1 MHz. This is <forward> calibration. Next, do it all again (in an=
y
order,
incidentally) for the <reverse> calibration. You can turn the transmitte=
r
off between steps. If you turn the device off, however, you will lose
everything and have to start over. All calibration points have to be
performed.

7) I am guessing that if you want to place the sensor unit 300 feet away
from the display unit, you would simply have to rerun the calibration
procedure. But I ain't sure.

8) The LCD bar graph comprises 41 segments. Segments 1 through
21 offer an SWR resolution of 0.05. (1.00, 1.05 -- 1.95, 2.00). Segments=

22--31, a resolution of 0.1 (2.1, 2.2 -- 2.9, 3.0), segment 32 =3D 5.0:1,=
 33
=3D 7.0:1,
35 =3D 20.0:1, 40 =3D 1000:1, and segment 42 =3D infinity.   (And don't I=
 love to
mess
around with this SWR stuff! 8^).

Regards, Russ Garner WA0UIG--Marion, Iowa--QRP-L 734

--part0_893651763_boundary--

Date: Sun, 26 Apr 1998 23:04:23 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Cc: "'ki6ds@dpol.k12.ca.us'" <ki6ds@dpol.k12.ca.us>
Subject: [9180] QRP TTF 98
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

What a blast. I can't believe what a good time I had this weekend. =
This type of activity probably is illegal it is so much fun (and when =
you see the pictures of the Fedarales frisking me at the border, you =

will see why I brought it up!). Seriously, the Border Patrol, both US = and Mexican, were very, very gracious in their treatment of us. Have = you ever tried to explain a QRPTTF operation in Spanish? Try it some = time, especially when you know about 25 words of Spanish, and the Border = Patrol guy knows about that many English words. (But he did understand = me when I offered him an ice cold soda).

I spent QRPTTF 98 in El Paso with Tim Pettibone, Bob and Bertie = Hightower, and Paul Harden. We operated from the US/Mexico/Texas/New = Mexico border, and I mean to say we were right on top of it. We could = literally take one step and be in Mexico, then Texas, then back in New = Mexico. Contacts were tough due to our location, as we were in a canyon = with a range of Mountains to the East of us and also to the west, but we = did get out. I worked 18 QSOs, 9 on 40, 9 on 20, worked 18 S/P/C, 6 = border ops and NO BCS (Boycott Stations). Had a blast, and also got = blasted by the wind and dirt. I remember one qso that a mini dust bowl = came through, but I never missed a dit, as I was concentrating so hard. = Bertie did a wonderful job of providing food and drinks for the crew, = and we all had plenty of time to operate. But it was a little = disconcerting to have to stop about every 15 minutes to explain to = either a US or Mexican Border Patrol unit just exactly what we were = doing there. Also, it was interesting to note that the Mexican Border = Patrol would not come on the US side when we invited them to look at our = station and gear. They stayed on their side and looked at us and just = shook their heads.

After the contest we all returned to Tim and Jan Pettibone's beautiful = home in Las Cruces where we all showered and cleaned up to go out to = dinner at La Posta Mexican Restaurant in Messilla. It's famous for = having hosted the two Bill's, Clinton and "The Kid". Wonderful food. = Also joining us were Sandra from Paul's Print Shop and her mother = Billie. Sandra gets to colate, bind and trim QRPp, and she does a = wonderful job. When I asked her what her favorite part of doing QRPp = was, she smiled and shyly said, "Watching it go out the door finally!!" = Sandra picked out the picture that is on the cover of this issue. Does = it remind you of the old "Reader's Digest" of the 50's???

I would like to thank Tim and Jan Pettibone for allowing us to share = their home and disrupt their weekend. Jan is a lovely hostess, and even = spoiled me by serving me English tea from her private hoard that she = picked up in England. They are wonderful people and were very gracious = hosts. Thank you for everything.

I personally loved this year's theme. It is great to get out in the = field, and even greater to see that the ops who were able to get out = were rewarded with bonus points. This is one contest that really = rewarded the operator who operated portable. I also was amazed to hear = the number of stations on. Lots of border operations, and I even heard =

CO4BM, but could not work him. Also, if you need a Qsl, just let me =
know and you have one on the way. I QSL 100% and I was in the state =
that I qsled from, and can prove it.

Thanks to Paul, Joe G., Bob, Bertie, Tim and Jan. Great friends, great =
qrp, and I didn't need the bail bondsman after all.

Date: Mon, 27 Apr 1998 01:14:20 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Ken Newman <n2cq@citnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9181] Re: QTTF Report: WQ2RP
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 26 Apr 1998, Ken Newman wrote:
>
>   The FL/NE Qso parties didn't hurt either! The only time I recall
>   that N4BP was NOT the loudest station from the south on 20M, sri Bob!
>
That's because I was NOT QRP, Ken!! Was running 100W to a Hustler on my
Nissan Sentra in the Florida QSO Party. Proves my premise that antennas
are everything!

       73,

                    ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________

                          E-Mail: n4bp@bc.seflin.org
              Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
                     Brass Pounder BBS: (954) 472-7715

Date: Mon, 27 Apr 1998 00:01:55 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
To: qrp-l@Lehigh.EDU
Subject: [9182] QRPTTF from "The Top of the World" (LONG)
Message-ID: <v03007800b169c689ad8e@[204.119.15.103]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Gang...

From the sounds of all the QRPTTF reports, everyone had a good time even if the bands were not the best... I had a great time from the "Top of The World"... The only thing that would have made it better would have been some propagation from the Northern Latitudes...

I left Fairbanks midday on Thursday in summer like weather... What a wonderful day for a trip down the Alcan Highway... Four hours later I stopped in Tok, Alaska, for fuel... I picked up a map at the Tesoro station (not sure why) as there are only three or four roads within a 1000 square miles. All you really need to know is what direction you need to go...

It had been 28 years since I last drove the Taylor ("Top of the World") Highway and I was not prepared to see a beautiful two lane chip sealed road at the Tetlin Junction turnoff... 23 miles later and a 2000 ft. elevation rise brought the new road to an end... I was able to contact my wife, Tosh, KL7WW on the 80m Snipers Net... Dick, WL7VO, who had planned to join me for the contest grabbed me after net and asked if I could stop on my way through Chicken and pay a visit... After nearly 8 hours of driving I found myself crossing the Chicken Creek bridge...

Robin, WL7VP, took over the duty of talking me in to their cabin... "Just follow my tracks." she said, "Be sure to dodge those large mud bogs that look like lakes... Don't turn left when you come to the gold dredge 'cause you can't turn back around; oh, and don't pay any attention to the streams you'll have to cross... They aren't too deep... What was it you said you were driving??? A Dodge Caravan!!! Good Luck..."

After about 4 miles of what would have made a great motocross course, I pulled up to the Hammond cabin... Dick is a gold miner in the summer and a trapper in the winter; Robin has the only full time employment in Chicken... She is the postmistress... They have two lovely daughters and what most would consider the idyllic Alaskan lifestyle... I had a wonderful visit over black tea and honey and all too soon it was time to push on up the road in the waning daylight... Dick would not be able to join me on Saturday... It was to be a solo trip all the way... I set up camp next to the beautiful Walker Fork... The mountains were still covered with snow but the river was flowing swiftly... I built a campfire, munched on cheese and homemade bread (homemade by myself, I might add), and packed it in at 11:30 P.M..... I was anxious to press on to my destination, the Yukon Territory...

It dropped well below freezing overnight but my long johns and sleeping bag were up to the task... I took my time in the morning drinking coffee and feeding pilot bread to a couple of camp robbers and a squirrel... I scared up some ducks while walking along the river, and

thought that spring must really be here... It took two and a half hours to drink two mugs of coffee and pack up camp... Even in Alaska, one seldom gets to savor a total absence of noise other than that made by nature... During my two days on the Taylor, I would only see four vehicles and all of those were south of Chicken...

Friday noon found me at Boundry, Alaska; (population, one)... The roadhouse caretaker, ("Grizz"), invited me in even though they were not yet open for the season... One other man, two women, one baby, and a solitary dog were also there; all waiting for the mail plane... Shortly after it arrived, they headed down the road for the eight mile walk back to their cabin... I chatted with Grizz for a while; he seemed starved for company... As I was leaving he told me that mine was the first vehicle he had seen since last fall when the road had snowed in...

From Boundry it was a five mile climb to the 4200 foot summit and the Alaska / Yukon Territory border... The Taylor Highway continues from there down to the Yukon River, another sixty five miles away... There is no bridge over the Yukon River so the road traffic will not begin until the river clears of ice and the ferry can start running...

Both U.S. and Canadian custom check points were closed tighter than Dick's hat band... I looked around for a suitable spot and planted the Butternut vertical directly on the border at 141 degrees west longitude by 65 degrees north latitude... It took me three hours to assemble and install the vertical and the radials, and get it tuned on 80/40/30 and 20m... The bands did not sound very good but at least there were some signals... My wife gave me a 5x6 from Fairbanks on 80m; radials must be working... After dinner I hiked to the top of the ridge and was rewarded with a magnificent view in all directions... It never made it much above freezing during the day and when I packed it in at 10:30 the wind was up and the weather looked ominous...

I woke at 6:30 A.M. after a cold fitful nights' sleep... The temperature had dropped to well below zero... The bands sounded very weak but it was still early and they normally would not open until later in the day... At 1608Z I worked W0YSE...(This is encouraging)... Over an hour later at 1711Z I worked N7KE... Many stations heard and tried but all were weaker than pond water... 15m was dead, 40m was no better... At 1725Z the noise level started to rise and the signals faded into it... At 1850Z, weak, watery signals started to rise above the noise... At 1855Z I worked KS7J/KH6, who was on a beach in Hawaii running a Scout to a Hamstick; go figure!!! I alternated between calling CQ and trying those with the loudest signals... No one moved the S-meter all day... The polar cap absorption must have been really high... By 1945Z the bands went totally dead and remained that way through the end of the contest...

I had planned to stay on for another night if the bands cooperated but

this was not to be... Snow was moving in from the southwest and I did not want to get stranded on a road that is not yet receiving regular maintenance... The drive back to the Alcan, 110 miles away, was slick and white in spots but it was still a beautiful trip... Snow the size of quarters fell off and on until I reached Delta Junction, 98 miles from home...

650 miles for three contacts... Was it worth it; would I do it again??? YES YES YES, how about tomorrow... I had a great three days and a wonderful trip; maybe next year the bands will cooperate... I hope you all had as much fun as I did...

Take care and have fun...

Bruce - KL7JAF/VY1

Other stations heard and tried:
N7KT - WA6FUH - KD7AEE - UA4ABW - N6MM - WA2OCG - AA7QA - WA7?NW - WA0L - AB7TT
W6YO - NJ6VT - K7DOE - VE6DN - and several more not written down...

Pictures will be on the web page in a few days...

Date: Mon, 27 Apr 1998 01:22:22 -0700
From: Dan Baldwin <baldwin@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [9183] antenna restrictions follow up
Message-ID: <3.0.5.32.19980427012222.00898560@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I sent an E-mail to this list last week concerning my problems with antenna restrictions in my area where I live. I thought I would post a follow up to let everyone interested know what I have done so far.

I first hooked up a long wire (26 gauge black hookup wire) around the eaves of my house and into my MFJ antenna tuner. I grounded the tuner to a water pipe located outside my window. This setup performed very unsatisfactory and resulted in only one contact on 40 meters (CW). I was able to reduce the SWR down to 1.2 or less on 40 and 20 meters but I just wasn't getting out. I realize a radial ground system would have helped but I don't have the room for a decent one on my size of lot.

I then purchased a MFJ-1621 portable antenna at a ham fest last weekend for 15 dollars. I figured the price was right so even if it didn't work out I wouldn't be out a whole lot of money. The first thing I did was to cut off the cable attached to the matching capacitor and install a SO-239 connector on the side of the antenna box. This allows me to use any length of coaxial feed cable since it comes with 50 foot of RG-58 which is more than I need for my location. I then attached my ground setup (water pipe) to the SO-239 connector. I was able to achieve an SWR of 1.1:1 on 40 and 20 meters. This setup definitely out preformed the long wire which kind of surprised me. (three contacts today in about 3 hours on 40 meters).

I still want to experiment with loop antennas (maybe on 20 and 17 meters) in my attic because I still feel I can do much better. Just thought I would let everyone know what I have been up to since some of you requested an update on my progress.

------- 73, Dan KK7JZ

Date: Mon, 27 Apr 1998 10:38:18 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: <radman@best.com>, "'Internet Liste via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [9184] RE:SGC2020 final product
Message-ID: <001201bd71b7$fc2cf300$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hello Conrad and fellow QRPers. To answer the question clear.

Yes, it has been ordered by my friend DL7ASD some months ago AND HE PAYED REAL MONEY for it. The German Importeur has been informed, that this particular rig will be tested by me.

A few minutes ago I got the information, that another SG2020 has been delivered. I will contact this OM asop to ask him how his rig is working to find out if my testrig is faulty or if they have a problem in general.

Peter, DL2FI

> -----Original Message-----
> From: radman@best.com [mailto:radman@best.com]

> Sent: Montag, 27. April 1998 02:02
> To: 'Peter_DL2FI@csi.com'
> Subject: RE: SG-2020, first impressions
>
> Hi Peter,
>
> Things don t sound too encouraging re: first impressions of
> SG-2020 in CW mode! Is the 2020 that you re testing final
> product or is this a prototype that SGC has sent for beta
> testing? This is the first preview of the 2020 for many of us
> here in the US. It would be valuable if you could post a
> summary review after you ve completed your testing with the
> rig. (Based on your early assessment I m wondering if the rig
> was ever _intended_ to be used in CW mode ?!)
>
> Hope to hear from you soon,
>
> 72 - Conrad Weiss - nn6cw
>
>

Date: Mon, 27 Apr 1998 06:32:20 -0400
From: Pete Meier <pmeier@tir.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [9185] K8FF Paddle question
Message-ID: <199804271029.GAA07083@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hi gang,

I've read alot about how folks are finishing parts of the K8FF paddle but not many tips on finishing the plexiglass.

How are you guys finishing the plexi finger tips? What do you use and how are you using it?

Pete WK8S

Date: Mon, 27 Apr 1998 06:45:09 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-l@Lehigh.EDU
Subject: [9186] QRPTTF: MA/CT/RI
Message-ID: <852565F3.003983CE.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

The rain held off, but after four hours, the 50 degree wind got to me and I packed up and headed home. Not without developing a real appreciation for my little SST, however!

The day started out promising, sunny and clear. The closer I got to my chosen site, the darker the skies became. It never did actually rain, but it sure was chilly. Never made the 60 - 65 that was promised.

Anyway, I managed to set up my inverted vee with one end in RI, one end in CT and the apex (and me) in MA. This was the one using the 14 ga wire and the new center insulator/coupler I made from PVC fittings. The light duty one broke as I tried to tug the wires through the branches (we have LOTS of trees here in the northeast). The slingshot/fishing reel antenna launcher worked great!

I took a beach chair, a piece of plywood and a couple of vise grip clamps. This was my operating position. It was great until I had to get up for some reason. Then, I had to move everything. But it was small and light, important if you have 3/4 of a mile to hike in to your site.

I worked about 9 people before heading home. About half of those were before I remembered I had to log the RST I gave out as well as the one I received :-) There were lots of signals, including Zack, W1VT, that I heard, but just couldn't snag. My CW was not at its best, but I muddled through. I found that cold weather doesn't help my concentration or my CW skills.

The highlight of the day was when W1RH (not a QRPer, but I'm still trying) and his family hiked down the trail to say "hi". I had told Bob where I would be, but didn't really expect to see him. His wife had brought her camera,

so there will be pictures at some point.

I forgot the log this morning, but will try to remember to
post it tomorrow. A great contest, a nice day (if you
were moving) and super people...QRPTTF '98 was a blast!

72,
Peter, KA1AXY

Date: Mon, 27 Apr 1998 04:44:14 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: Pete Meier <pmeier@tir.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9187] Re: K8FF Paddle question
Message-ID: <Pine.SUN.3.91.980427044132.16018B-100000@crl.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Pete you do not have to do anything to Plexiglass. It is nice and
smooth. If you want to clean up the cut marks on the edge, kiss the
surface with a flame. That will return it to the orginial color and
eliminate the dull cut marks. Remember do not hold it in the flame.
Keep the flaming moving and just kiss the surface. You can always do it
more than once.   Sort of like painting. Light spray each pass. hi
de stan ak0b

On Mon, 27 Apr 1998, Pete Meier wrote:

> Hi gang,
>
> I've read alot about how folks are finishing parts of the K8FF paddle but
> not many tips on finishing the plexiglass.
>
> How are you guys finishing the plexi finger tips? What do you use and how
> are you using it?
>
>
> Pete WK8S
>
>

Date: Mon, 27 Apr 1998 08:17:50 -0700
From: LYN <designserv@ipass.net>
To: vole@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9188] Re: QRPTTF-QRP'ers STILL MISSING!
Message-ID: <3544A19E.829CE7AD@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe Gervais wrote:

> "What... is the airspeed velocity of a fully laden sparrow?!?"

Vmc+

Date: Mon, 27 Apr 1998 12:41:42 +0100
From: "Miguel" <eaqrp-c@arrakis.es>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9189] EA QRP CLUB (info)
Message-ID: <199804271235.OAA18212@mx1.landsraad.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

EA-QRP-CLUB

The club was founded in October 1993, since then EA-QRP-C
has grown gradually,having now around 350 members. The main
goal is to promote QRP operation andhome-building among all
amateurs.

Activities carried by the club include: quaterly bulletin QU-R-PE
(in Spanish), a QRP contest (one a year), producing PCBs for
QU-R-PE circuits (sending themfree once or twice a year to
members).

Maintaining a WEB page.
Membership is open to every person around the world, amateur

radio licensed or not.

Subscription:

For Europe: One year   14 US $,   Two years   27 US $,
Three years 40 $
Non-European countries: One year   16 US $,   Two years   31 US $,
Three years 46 $

You can subscribe by Card (VISA/Mastercard).

For further information visit our Internet Web Page at:
http://www.eaqrp-c.arrakis.es

or write to:

                EA3FHC ---- mail to: EA3FHC@globalnet.es
         Miguel Molina
                Av- Rio de Janeiro 123 2-1
                 08016 Barcelona
                 Spain

Or e-mail to: eaqrp-c@arrakis.es Miguel Montilla,EA3EGV
              jalopezd@arrakis.es   Juan Antonio L pez,EA8QJ

Date: Mon, 27 Apr 1998 08:51:30 EDT
From: Bensondj <Bensondj@aol.com>
To: af389@lafn.org
Cc: qrp-l@Lehigh.EDU
Subject: [9190]   Re: Elmer 101 SW-30+ Student List
Message-ID: <9959380a.35447f54@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Dave (and multitudes)-

(Dave Shalita <af389@lafn.org) wrote:

>>In my small coin envelope was one roll of enamel wire. I assumed it is #24 AWG. L1 instructions said " wind with larger diameter wire". There was only one diameter wire.

The parts list, page 5, L3 and L4, says "use 15 turns #26 wire". I've already wound all cores with only wire provided in kit, most likely #24.

What do you suggest? Should I rewind L3 and L4 with #26 AWG?
Should I remove and rewind any other core inductors or transformers?<<

Ignore the references to the two wire sizes- my apologies; it was a 'cut-and-paste' error from the 40M version of the manual. I supplied only #24 wire for the 30M version and that's the right stuff. (The manual's been fixed, and only the first 20 went out like that.)

At the risk of provoking a new discussion topic, I'll state that the practical difference between those two wire gauges is negligible. It is a frequently-asked question, though, and a good one.

As a general rule, if you're working on an HF project which calls for a specific gauge of wire, oftentimes the author has simply documented what he used. This choice was usually driven by what he had on hand and would fit comfortably on the toroid, rather than by any in-depth investigation. There is some interaction between wire gauge and the resulting inductance but in any case the design should be able to 'absorb' these differences within the normal design tolerances. By all means, if you're got the next wire size up or down, go ahead and use it rather than letting that issue spoil your progress.

>>Another Question

There is a VACANT hole in PCBoard near crystal Y1 , RFC1, R16.
Is this hole the ground pad for grounding the metal cans of Y1, Y2, Y3, and Y4 crystals? Do I just string a wire from can to can and then to that grounded pad?
If I am to ground the case of Y5 do I connect to the closest ground pad to Y5?<<

Yes, the wire goes from the vacant hole across the tops of the cans. *Do not* ground Y5's can- I haven't tried it, but it'll likely pull the BFO function and require adjustment of the associated capacitors.

73, Dave- NN1G

Date: Mon, 27 Apr 1998 08:50:20 -0700
From: LYN <designserv@ipass.net>
To: waltk8cv@ameritech.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9191] Re: band plans et-all......
Message-ID: <3544A93C.7C7ADDB5@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Walt Amos wrote:

> My worthless two cents.....
>
> CW only needs the bottom 100 of all the bands , let the phone men have
> the rest!

You must be a phone-only operator. I don't agree.
Lyn, W4WDN

Date: Mon, 27 Apr 1998 09:05:31 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9192] Re: QRPTTF: MA/CT/RI
Message-ID: <3544829B.7BDF@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

40 meters was really tough--last report I gave out was 479 due to
the loud thunder crashes. Didn't get on until 1730Z--finding the
Cascade falls was tougher than expected--just too many side trails
on the mountain. Worked C04BM on 20, but it took him a while to
figure out my exchange. Finally caught up with K5FO--guess that
ought to count for 899 QRP ARCI members worked.. Tried calling CQ
a lot on 15M, but only worked KN1H, who couldn't have been very far
away despite the weak signals.--Zack W1VT

Date: Mon, 27 Apr 1998 08:10:05 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [9193] Murhpy and QRP TTF
Message-ID: <3.0.1.32.19980427081005.00691c10@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks Murphy!

The intense line noise I had Saturday went away on Sunday. It was cloudy, humid, and a little rainy here. The 20 meter band was quiet and the signals were loud and clear (without the intense local QRN). At least I had a chance to work one of the new QRP stations -- CO4BM (JI).

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Mon, 27 Apr 1998 14:42:33 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [9194] QTTF Report de K5FO/5 TX/OK
Message-ID: <199804271342.OAA14438@chuck.dallas.sgi.com>

Gang,

Well, Phyllis and I left the home QTH at 8am CDT (1300UTC). Stopped for a baggle at the local Benny's and then headed north up 75 to Denison TX. Phyllis had the directions to the border location that she got from her brother.

So found the #72 exit (appropos don't you think) onto highway 91 and then to Eisenhower park just below the Denison Dam and the Red River.

When we left the house the wind was about 15-20mph. When we got to the border the wind had picked up and it was rainy. I was thinking that this was going to be bad, but it did clear off. BUT, the wind never subsided. It was a constant 30-32mph all day with gusts to 40mph. I had several full 20oz Diet Coke bottles blow over on the table. And at one point the wind was strong enough that it was sending random dits with the Brass Racer

paddle connected to the AEA KC-2 keyer. But the wind did manage to help me carry over 300' of wire across the river. :-) Details to follow later when I can get some more time.

Question came up at the time how I was going to get the wire across the river and using two bottles tied to the end of the wire and the 30+mph wind I managed. Got started 30mins late, but at least I had part of the antenna system crossing the border per the rules. Ever seen white caps on a river before? Not often I bet. There were no boats on the lake above the dam, but a few within 50 yards of the dam where there was some shelter from the wind.

Q's were slow the first couple of hours, very slow. Then broke for lunch and took Phyllis to a catfish place across the border into OK. The name of the restaurant was Windy's. :-)   Small town starting with the letter C and I hadn't heard of it and forgot to write it down. :-)

Lost the site when we got back for a couple of hours due to another group, but got it back to finish the contest. 19 Qs and lots of states. Total to follow later.

Lots of guys on that couldn't hear me. I figure lots of filters cranked in and I wasn't all that strong. At 2118UTC checked WWV and SF was 92, A-index was 21, and K-index was 3.

Equipment: TenTec Argosy II at 2W. 300+' long wire with 300' counterpoise. Hey, I was carrying 1,000 meters of #24 stranded teflon coated wire. :-) Gates 20AHr six-pack and 7AHr gel cell to hold down the log and dupsheet. Brass Racer paddle with AEA CK-2 keyer.

I was at Riley NM with KI6DS, NA5N, K5OI, and the group. The wind there was during the last few hours of the test. Not true on the TX/OK border. The wind blew and blew the whole time. I have a windburned face to prove it. Everyone is thinking that I got sunburned, but that is not the case. :-)

My personal thanks to everyone that worked me. I know it was tough. WA1QVM wins the prize for catching me on the end of a Q and getting an exchange. There seemed to be more activity for this TTF than the others even though the bands weren't all that great. I'm about 500 emails behind, so haven't gotten to the other reports yet. Later today when I can get a break.

dit dit

p.s. Did I tell you the wind was blowing? 7 hours + with no

letup. Gotta be a TTF record. Phyllis sat in the car and read
two books just to keep out of the wind.

Chuck Adams K5FO Dallas,TX CP-60
http://reality.sgi.com/adams adams@sgi.com

Date: Mon, 27 Apr 1998 09:45:20 -0400
From: jim nestor <nestoji@home.com>
To: qrp-l@Lehigh.EDU
Subject: [9195] UK licensing
Message-ID: <19980427134854.AAA28563@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've had enough private e-mails about my posting on UK licensing that I
decided to put it out for the list.

I called a number in London given me by NQ7X - 011 44 117 925 8333 and
talked with a nice lady. She agreed to mail me form RA188 for a "permanent
UK reciprocal license." The other option is a temporary reciprocal license
using form RA189.

I was told that if one is going to be in the UK for six months or more or
is a frequent visitor it is possible to get the permanent license. The
"kicker" is that you need an address in the UK which is the "Station
Address" where you will "usually operate". Since my company has an office
in London, (I visit about every other month) I asked about that and was
told it would be OK.

N6TQS told me that that in his experience the station address is not
visited nor receives any mail.

On the forms there are two other important items. For the "Mailing Address"
use your US address. Under "Qualifications" state that you wish to be
licensed based on your existing US license.

With the completed form you must send your ORIGINAL US LICENSE (not a
copy) which they will return with your UK license, and a certified check or
bank draft for 15 POUNDS STERLING (around $25 US). You'll have to find a
bank that will issue the check in British Pounds Sterling.

According to the nice lady on the phone, it should take about 2 weeks from
the time they receive your paperwork. BTW, regular mail between the US & UK
is pretty slow.

My understanding is that the license will be a regular-looking UK license, probably with an "M" prefix (they're outof Gs). Don't know the term (at least a year). With it, you are also able to operate in the 20+ countiries of Europe and a couple in South America that are part of the CEPT agreement.

Probably in a few months, the FCC agreement with CEPT will be worked out and you can also use your US call in Europe and South America. Guess it depends on whether you want to stand out as a visitor (G3/WK8G) or blend in like a local (M3XYZ).

Thanks again to Doug and Floyd for the info. Wonder if they can do anything about propagation.....

72, WK8G/2
nestoji@home.com

Date: Mon, 27 Apr 1998 09:10:04 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [9196] Anyone for QRP Railroad Mobile?
Message-ID: <9804271421.AA08156@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

I have obtained permission for amateur radio operation on the Walking Horse and Eastern Railroad's excursions between Shelbyville and Wartrace, Tennessee. (This is the Nashville, Chattanooga, Huntsville region.)

Stations will need to be completely self contained (i.e. you'll need to bring everything). If operations go well improvements for hams can be made.

If you are interested, contact me for details.

73 Bryan W8LN
http://www.shelbyvilletn.com/whoe.html

Date: Mon, 27 Apr 1998 10:10:45 -0500
From: John Paul Keon <jpkeon@bellsouth.net>
To: "klqrp@waterw.com" <klqrp@waterw.com>
Cc: LI QRP Club Server <liqrp@waterw.com>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, njqrp@njqrp.org
Subject: [9197] N2DAN/Steve Nurkiewicz
Message-ID: <35449FF5.F2AFF899@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay, I seem to have lost a lot of addresses and I asked last week, but will do so again just to make sure I cover everyone. I have several of you already.
I have a couple of stories about Steve/N2DAN and have relished there for years. He was a wonderful man and I got these from People Magazine and from the RSGB and from some friends at the FOC. So you may want them. I will copy them off on the copy machine and then mail them to whoever would like them. They are very interesting and a good tribute to the man who designed the "original" MERCURY. Oh for those who asked I have the #158. They are the only paddles I use and even carry them on special events. I don't care about the weight. I have gone to the trouble of making up my own special case to carry them. I also have the call of a ham who made my cover. Not sure how many years ago that was. He is:
George Chambers/K0BEJ
302 S. Glendale Ave.
Coffeyville, KS 67337
Several of you asked about the cover. He makes a real nice one for all keys, and this one for the MERCURY is very nice too.
I just drug it out and there is also the original paperwork Steve sent me with the testimonies from other users. I used to keep regular skeds with LA3FL, VP2MDY, N2DAN, and G3FXB among a lot of others. These were their words about the paddles.
So ifn you would like a copy let me know.
The emails keep filtering in and I will gladly run off a couple of copies. You guys figure it out, postage, an envelope and the paper. I will get it to you.
JohnPaul/AB4PP QRP-l #1417, SOWP #4759-M, "Sir Scribe" of the Knightlites,
ARCI # 8566, AR QRP #209, NJQRP # 120.

Date: Mon, 27 Apr 1998 08:22:17 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [9198] qrpttf
Message-ID: <ABB04875E11AD01191A40000F83092BE832598@STONE>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7BIT

As things turned out Saturday I was able to pop in and out of QRPTTF from about 1700Z on...propagation was not the best by any means as signals would pop in and then disappear and not come back, either for a short time and sometimes for a long time...no signals heard on 15 & 10 mtrs...made 2/3 contacts on 40 mtrs and the rest of my 23 total contacts on 20 mtrs...found 2 border stations and also worked CO2BM...this was the first time I ran the NorCal paddle, which I finally finished, along with the TICK keyer + many alligator clips...HI HI...the combination worked fine...all in all I had FUN!....so according to one of the qrp-l gurus, I must have been doing it right!!....HAR!...
...as well, I received sample copies of the QRP Quarterly from George (many thanks George!) and now I know where the qrp treasure chest of knowledge is and I have sent a money order for a subscription as of yesterday....(Yes, even at $1.46 exchange...GULP!)...looks like across-the-border purchases will be put on hold for a while...HI HI...now if only my 40+ rig will arrive so I can get started on the Elmer101....looking forward to the next QRPTTF!...thanks to all for organizing this event and putting it on...72
--Bruce(VE5RC)

Date: Mon, 27 Apr 1998 10:23:02 -0400
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9199] QRPTTF
Message-ID: <9804271424.AA26947@ns.mounet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings,

Wow! What a blast. I will have to say that this QRPTTF was the best one yet. I even had some company other than cows, squirrels, and all the other critters you usually meet up with on excursions like this...hee hee

I picked up my friend and partner (Dennis, N4DD) in the event at 7:45 AM and we were off. Hit the four lane wide open and immediately started

telling "war stories". We cruised along enjoying the trip so much that we were 20 miles past our intended exit before we knew it. Oh well, that's the way it goes when you are having fun.

We managed to back-track and arrived at our destination on White Top mountain with an hour left to get everything set up. Our operating site was right on the junction marker for VA, TN, and NC. Picked out some trees for our antennas and went to work. Why is it you always have to wade through briar patches and thorn bushes for best antenna orientation?

OK.....The dipoles are up and I start organizing our station while Dennis works on putting up a 500 ft. loop antenna to test. It will be interesting to see how it works. As the afternoon progressed, it proved to be the antenna of choice and we use it the last 5 hours of the event.

Zero hour and Dennis is still at work on the loop. Looks like it is up to me to start things off. Think I will try 20M first...Hey! There is KQ0IK in IA for the first contact. Here we go...W0RSP, N6WG, N0UR, NQ7X, AB5UA.....Man! It don't get any better than this...fun, fun, fun.

Dennis finally has the loop up and since this is his first trip afield for QRP, he will get to do most of the operating...Here ya are Dennis..Go to it...Hmmmm, seems like he is really enjoying this and he keeps saying "I like your QRP+ a lot". I better keep an eye on him..Ooops! He is getting that glazed, glassy-eyed look. You know what that means fellow QRP'ers. He is hooked. Keeps murmurring "this is fun, I'll never forget this trip".

We only operated on 40 and 20M but did check other bands frequently. No activity heard on 15 or 10M.It sure was nice to hear so many familiar calls and, yep, Dennis did let me operate a bit..hee hee..Thanks to all who participated..

Haven't had a chance to figure results yet but we operated with 21 and possibly 22 border stations. We had KS4V down for KY only. We may have missed some of the exchange..

Here is a list of "Border " stations we had contact with.

W0QF N0UR K7NX W0YSE N0TU KI0II N7CEE WA7LNW N7KT WAQVM AB7TK KB2VTN N3AO W5GIX K4JSI KA1AXY AA5YX N9ZXL WQ3RP KN1H W4ED

73/72 de Dan

Date: Mon, 27 Apr 1998 08:32:51 -0600

From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [9200] server problems
Message-ID: <ABB04875E11AD01191A40000F83092BE832599@STONE>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7BIT

Just a quick note to say that the GPFN (Great Plains Free Net) server has been down all day Saturday, Sunday and hopefully will be up some time today......so anyone sending to me at rattray@gpfn.sk.ca <mailto:rattray@gpfn.sk.ca> please have patience.....the other server I'm on is up ok at   rattray@siast.sk.ca <mailto:rattray@siast.sk.ca>   ....I will notify when the GPFN is up again...tnx & 72 - Bruce(VE5RC)

Date: Mon, 27 Apr 1998 10:34:57 -0500
From: John Paul Keon <jpkeon@bellsouth.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [9201] RM Number ARRL/FCC
Message-ID: <3544A5A1.4553E312@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I agree with others that the ARRL should quit wasting the money for contingency plans and other assorted triffle with regard to the band allocations. The FCC will do what they want more than likely and all this does is generate a lot of wasted paper and time on the bandwiths.
Since when has the FCC done anything for us.
Should you want to venture even further, look at what the state governments have done for the HAM's in the communities. Here in North Carolina, they gave us the licensing system years ago. They let you buy the personalized tag for an extra $10 and then you were not supposed to pay anthing else (except regular fee each year) and then the good fathers decided that the money was most earnestly needed for government. Well, they have been getting the extra $10 from every ham who wants a personalized tag, and they spend the money for the flower program on the sides of the roads, and that is only for the first $xxx amount. The rest goes to the coffers and then where do you think it goes. Of course to the government officials to use for Pork Barrel.
So as far as I can see, this worry about the FCC is useless to in comparison. They will do what they want, at least we don't have to pay for our licenses, YETTTT!!!!!
So don't beat a dead horse on that one.
JohnPaul/AB4PP (my $.02)

```
------------------------------

Date: Mon, 27 Apr 1998 10:45:32 -0400
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [9202] NQ2RP QTTF Score
Message-ID: <35449A0C.44DDCC04@acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="------------812E299F5F16E0E018DDD870"

This is a multi-part message in MIME format.
--------------812E299F5F16E0E018DDD870
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jerry and Gang,

I know Keith, WB2VUO already posted the NQ2RP soapbox, so here is the
score from our hilltop in beautiful Genesee Co., NY.

455 QSO PTS  X  50 MULTS  X  4 FIELD  = 91,000.

(Jerry, a couple of digital photos are on the way.)

72, Mark  N2VPK
Member of the Buffalo QRP Connection
--------------812E299F5F16E0E018DDD870
Content-Type: text/x-vcard; charset=us-ascii; name="vcard.vcf"
Content-Transfer-Encoding: 7bit
Content-Description: Card for Mark Adams
Content-Disposition: attachment; filename="vcard.vcf"

begin:          vcard
fn:             Mark Adams
n:              Adams;Mark
org:            SUNY at Buffalo
email;internet: msadams@acsu.buffalo.edu
title:          Facilities Engineer/Mechanical
x-mozilla-cpt:  ;0
x-mozilla-html: TRUE
version:        2.1
end:            vcard


--------------812E299F5F16E0E018DDD870--
```

Date: Mon, 27 Apr 1998 07:47:56 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [9203] CT LOGGING AND QRPTTF
Message-ID: <35449A9C.A8533D39@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

As an experiment, I used an antique version (6.26) of CT logging
software on my equally antique NEC Multispeed laptop computer for
QRPTTF. While it worked reasonably well, I would like to upgrade.

Does anybody know if CT version 8 will run on an NEC Multispeed PC (V20
processor - 640K RAM - 20 mb hard drive - LCD screen)? If so, is it
still available? I've heard rumors about K1EA doing things other than
working on or supporting CT, but my sources may be as outdated as my
laptop. What is YOUR experience with CT?

======================
Bill Jones - KD7S <><
Sanger, California
======================

Date: Mon, 27 Apr 1998 07:50:48 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [9204] QRPTTF at 4 Corners (long)
Message-ID: <354438D8.AEAC04FC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a blast! This was the most fun I've ever had in a contest. Bands
were great, lots of QRPers were participating, and a great location.

It was a 7.5 hour drive from my home QTH to 4 Corners, and by the time I got there I was bushed. Finaly woke up after a short nap in the parking lot and called Jay WA5WHN on 2M simplex. He answered, and they were just a short distance away.

We spent the balance of Friday afternoon trying to convince the Navajo docents to let us stay at the monument overnight.....one woman was about to OK it, then her male partner said No. So, off to find a place to stay. A cold, windy night up there, with some snow/sleet made it interesting.

Back to the monument in the early a.m., to set up. An easy job for me, since I used the mobile setup: Icom IC-706 Mk II and a High Sierra antenna on the Cherokee. This was my first try at mobile ops, so the front passenger seat was a mess of wires and keyer, paddle, MFJ-259, logbook, etc. I'll have to sort that out.

Oh, yes. Good DX while on the road Friday. FO0FR in the Marquesas group, lots of VKs and ZLs, a ZS3 and a 4Z in Africa. All on 20 meters, and made a mobile convert out of me.

Anyway, the 'test started out on 20. 15 was a bust, and Jim KK6MC/5 was using 40. It was fast and furious then, with Jim and I coordinating band changes so we could each have a shot. Only 3 contacts on 15 in the afternoon, and it was great to contact Russ, AA7QU. It's been a while since I heard him. Read his report, and I think I might have opted for the fishing, :-)

The Navajo shut the monument down at 1700 local Colorado/NM time, which was 2300Z, so we had to quit early. It was still a great day for QRP.

Let's see. I had 80 QSO's at 5 pts each, and 33 SPCs. Even worked VE1GA in Nova Scotia. That's 13,200 points x 4 (location) x 4(field) for a total of 211,200. Sounds like a keeper. Now to sort the log out and get it to Joe, AB7TT. He's got a big job ahead, :-)

One note: I think most of the border ops understood that you had to really be on the border. Those that claimed a border because they could see another state some miles away are wrong. Heck, if that were right we could all head for Whitney or Shasta and work with BIG multipliers, or work airmobile and really rack the points up. Also, if anyone isn't happy with the setup, then just don't participate, but don't claim it to be a boycott. That's bogus. Boycotts are for serious things, and this stuff is just plain fun.

Forgot to mention the wind. Terrible, all weekend. At one point, Jim and I thought the tent trailer was going to get blown over. Then, on the way home through Monument valley, there was wind, then rain, then

snow, just to keep it interesting.

I hope you all had as much fun as I did, and to those that I worked,
Thanks!

--
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Mon, 27 Apr 1998 10:47:31 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [9205] RE: An Open Letter to QRP Radio Designers
Message-ID: <01BD71CC.1375DB80.tracy@bytemark.com>

I get a lot of orders from amateurs for ferrite's and powdered iron parts that are intended to be used in the upper frequency ranges. They are building wonderful kits and projects well up into the UHF spectrum.

The issue seems to be exposure - the HF kits seem to get more exposure. The real "hard core" experimenters seem to be more quiet, maybe they're working on stuff they're not sure works yet, but they don't seem to jump up an holler as loud when it does work.

Another point I've noticed - the low power enthusiast is many times a low tech and low price enthusiast. This is much easier to accommodate at the lower frequencies. I imagine it's difficult to use a single 2n222 for an effective 10m receiver.

Companies like S&S and ByteMark are producing DDS signal generators for use well above 40m. Guys like Rick Campbell have produced DC receivers designed to be used well into the UHF range, and several others have produced DSP kits that will work whatever the frequency they are on. There are numerous products that meet the requirements that you set forth.

I think this particular group rejoices in the other aspects of low power operation such as low power consumption as well as output, minimal circuit requirements and minimal expense. These features are most easily home built on bands like forty meters.

Does this sound like a call for high-tech QRP? DDS 6m here I come ...

-----Original Message-----
From: Bill Kelsey - N8ET - Kanga US [SMTP:kanga@bright.net]

Sent: Monday, April 13, 1998 5:27 PM
To: Low Power Amateur Radio Discussion
Subject: Re: An Open Letter to QRP Radio Designers

I don't design the radios that are on the QRP Market these days, but I do sell a few.... The Kanga ONER with crystal control and the proper LPF will do just fine on any of the higher bands. The Hands RTX series of xcvrs will hit the higher bands, and the KK7B kits will also work very well on the higher bands - clear up into the UHF region.... they have all been available for several years. More info on my web page - URL below.

And yes - I do have a vested interest in all of the kits mentioned above.

> QRP radio is lucky to have a community of talented designers producing
> amazingly clever gear for low powered radio. But I'm a little concerned
> that they and we are suffering from forty-itis. What the world needs is
> some high performance 10 and 15 QRP radios.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
http://www.bright.net/~kanga/
419-423-4604

Date: Mon, 27 Apr 1998 08:56:05 -0500
From: ab5uacw@juno.com (Clifton W Sikes)
To: qrp-l@Lehigh.EDU
Subject: [9206] QRPTTF......FUN
Message-ID: <19980427.085607.6646.4.ab5uacw@juno.com>

Wow! Did anyone mention the wind? True to our State song, the wind came sweeping down the plain :-) I was joined by Dick Stimson, KK5RO, and we had a great time. It was Dick's first QRP contest, so he got real education. I ran 20m, with the GM20 and a wire vertical supported by the Black Widow fishing pole. Dick ran 40m, with his 40a and a hamctick. I told Dick to send in a report, so hope he does.

I ended up with 43 Q's and 23 S/P/C's on 20m, for a score of 24,840. Not a big score, but HUGE fun. Even got CO4BM and W1RFI, my first ever contact with Ed. I did talked to Joe AB7TT, and found out he got the flu. Sorry Joe, but I heard you most of the day, so guess you managed quite a few Q's from home. You should have been with us. Did you ever see a bass

blow out of a pond? Did we mention the wind?

Thanks to all, and 72,

Clif

Clifton Sikes AB5UA QRP-L #478
Earlsboro, Ok.
ab5uacw@juno.com

_____
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Date: Mon, 27 Apr 1998 10:16:21 -0500
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9207] Elmer 101 -- Elmers
Message-ID: <3544A145.853A12CE@elmhurst.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just finished with the vfo portion of the SW 40+. I really appreciate the work of Elmers MICHAEL for parts 1,2,3...GLEN and NIEL for their "Vfo math"...GLEN for his vfo experiment & component by component description of function...waiting for CHUCK's answers to his questions re the Vfo...your participation has made this project a marvelous learning experience for me. Just wanted you to know that your efforts are truly appreciated...don't go away! ;-)

I have saved some analysis of the filters which began before the Dave was able to ship the rig...unfortunately I do not have ready reference to the individuals who posted these items.

I have a few questions that are beginning to emerge as I work my way through the regulated power and vfo portions of this project. Your thoughtful responses support a learning environment...the asking of questions!

I look forward to the continuation of the project. Thanks again!!

72
John N9KW QRP-L #1257
Elmhurst, IL

Date: Mon, 27 Apr 1998 11:19:53 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrpl <qrp-l@Lehigh.EDU>
Subject: [9208] Elmer101: student feedback
Message-ID: <3544A219.75D5@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd like to pose a question to the students of the Elmer 101 project.

How is the pace? Too fast? Too slow? Just right? Are you getting what
you expected?

I'm getting the next section ready as we speak and would like to move
forward with it. The VFO stuff should be posted on the web site
tommorow.

Please reply to me only as not to clutter the list. I'll post the
results. Thanks!
--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

Date: Mon, 27 Apr 1998 10:28:37 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: Tim Pettibone <tpettibo@NMSU.Edu>, qrp-l@Lehigh.EDU
Subject: [9209] Re: 40m Sked
Message-ID: <199804271528.KAA27778@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tim

I think I have come up with a simple, high gain, vertically
polarized antenna that requires no radials... true!!!
any how, this is what I have come up with... using the folded over

coax braid (coaxial dipole technique) what if one made a full wave loop for forty meters with the coax dipole (cut to 1/8 shield and 1/8 center conductor) as one side of the loop ant...
        now add another loop on the other side of it... two loops with one common center... (the folded sleeve coax)... how would it radiate????
        Now (THE REAL EXCITMENT) TAKE THE loops at the far ends and pull them towards each other till they are one quarter wave apart... from a top view one would see three dots... (just like three verticals forming a triangle)
        THink about it... wuld it work? which direction wuld it xmit.... how much gain.... easy thing to hang with ropes... the folded over coax gets the feedline out of the way so it won't affect the ant field...

I really would like some feedback before I jump into construction of this...
Thanks Tim
Ps also sent copy to list

all help apreciated gang
joel wa5cvm, in maine, north of dixie, trying to "get out" :-)

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
Vertical 3 elm Yagi 30mtr & 40mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Mon, 27 Apr 1998 09:32:36 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: baldwin@primenet.com, qrp-l@Lehigh.EDU
Subject: [9210] Re: antenna restrictions follow up
Message-ID: <199804271532.JAA17889@rgfn.epcc.edu>

Dan, what you might try for radial system is a tuned radial (1 per band operated) system attached to the groound terminal of your tuner. This was given a good write-up in Bill Orr's (W6SAI) book entitled "Wire Antennas". I have used this type radial system when operating portable (from hotel rooms in Belize), in the trunk of my car or under the floor mat in a station wagon (comes off the ground lug on the mobile mount) and it makes all the difference in getting

out, in my opinion. As you probably wouldn't have space to stretch
out the radial(s) in a straight line, it ok to run them along the base-
board, or loop around in a small area under a carpet, etc. I think
you will find it will enhance the operation of your lw antenna.
73 and gl.
Ray
--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
Scotsman's Diary - 1997

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Mon, 27 Apr 1998 10:42:34 -0500
From: jmbrown@edge.net (JERRY BROWN)
To: qrp-l@Lehigh.EDU
Subject: [9211] QRPTTF Score
Message-ID: <3544A76A.1A6D@edge.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tried to e-mail Joe, AB7TT, for answer, but my e-mail got bounced back.

May a QRPTTF official out there see this and respond!

For my score, computing which of the following formulas is correct?

If station I worked was located at 3 borders, this counted as 3 qso's
for my tally, etc. I didn't add any multiplier for the three countries I
worked (US, VE, XE), just counted all contacts as "states or provinces".
In the case of NA5N et. al., they were from XE state of CHIHUAHUA (yo
queiro Taco Bell), as well as NM and TX.

```
1.  20 meter QSO's - 52      40 meter QSO's - 57
                      x5                     x5
                      --                     --
                     260                    285
```

2. 20 meter SPC's - 25   40 meter SPC's - 20

3. portable multiplier 4

Now here's the question (which formula is correct "a" or "b"?):

a. TOTAL POINTS BY ADDING QSO POINTS, MULTIPLYING BY SUM OF SPC's, x4

(260+285)x(25+20)x4= 98,100

b. TOTAL POINTS BY SUMMING EACH SEPARATE BAND (QSO PTS.xSPC'sx4)

(260x25x4)+(285x20x4)= 48,800

Operation from county park near Nashville, TN (Columbia) with TAC-1 (40 meters/3 watts) and FT-900 (20meters/5watts per WM-1) and 17 year old Butternut vertical on a hot tin roof, no tuner needed!
Worked 43 states/provinces with very quiet bands (vertical not working?) in less than 5 hours. Thanks to all who sponsor!

Jerry, N4EO
LAST YEAR I WORKED QRPTTF FROM NEAR MEXICO CITY, MX AS XE1/KF4GKL.

Date: Mon, 27 Apr 1998 09:59:22 -0600
From: Niel Skousen <nskousen@scientech.com>
To: qrp-l@Lehigh.EDU, bensenj@aol.com
Subject: [9212] Re: QRP Harmonics
Message-ID: <199804271559.JAA27933@eaglerock.if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

just thought I'd pass along a fun weekend (not QRPTTF :-(...

My 7yr old son has been pestering me for months to do another radio (he helped w/ the SST) so when I ordered the SW30+ for the Elmer101 thing, I thought that it would be fitting for him to help...

we had a blast yesterday 'inventorying' and learning to read cap's and resistors. Started the soldering (of course his favorite)late yesterday.

He's also coming regularly to ask to play with the 'dot thing', and has learned his name in cw (13wpm characters @ .5 wpm word rate...) I'll holler for a QSO at .5 wpm when the SW30+ is done :-)

Dave, that is a GREAT starter pcb. Not a lot of wasted space, but large heavy pad's, thick plated, very tough, very nice !!

TNX agn all, 72
Niel

---------- -.. . .-- .- --... ... .-   -----------------
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG/NUSI
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID
nskousen@scientech.com   WA7SSA QRP-L.119
Z-----------------.-------------------------DN33wm--- . . . -

---

Date: Mon, 27 Apr 1998 09:03:27 -0700
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: <kd7s@psnw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9213] Re: CT LOGGING AND QRPTTF
Message-ID: <19980427160500.AAA10918@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bill .... I've been using CT Version 8.50 for years (V-7 and V-6 before that).

I'm using a barebones 286 machine (10mHz, 640 Ram, 40mB diskdrive) and am using the program in DOS. I've also used it with less sophisticated processors on a laptop (Toshiba T-1000, 1.5mB ''hardram'' (no hard disk), and that I think was an 8088 processor. Plus a Toshiba 1850 and 1910 (both of which ran 386's I believe). I now have a newer Toshiba 5 with a Pentium chip (and it's had it's share of learning curve problems).

I believe it runs best in a DOS environment.

There are many complaints about V 9 in Windows/Pentium, so I never bothered to upgrade and kept the old 286 in the shack.

As for K1EA, he is support Version 9 but to the best of my knowledge (((his comnpany has e-mailed!!))) he does not support any earlier versions.

Good luck, 73/72 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
http://home.att.net/~alan.kaul/qrp.html
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Mon, 27 Apr 1998 11:08:40 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: mitymik@hooked.net
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [9214] The Other Alameda Co. Station
Message-ID: <351A2DFAE256D111883A0060B06B1662661FBB@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi, Mity Mik
What call did you operate under? We did work a number of very strong CA
stations, but don't know their QTHs.
73, Bob N6WG

Date: Mon, 27 Apr 1998 11:13:40 -0500
From: "Joe Spencer" <joes@tcjc.cc.tx.us>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [9215] QRPTTF
Message-ID: <01bd71f7$71507140$0902040a@TCJC-AC04.tcjc.cc.tx.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,
Members of RACC and NORTEX QRP Groups set up in a local park to operate TTF
Saturday. We used a Butternutt and a homemade 67' center-fed Dipole. Rig
was a TenTec Scout at 4W.

35 QSOs(32 on 20M and 3 on 10M)   2-DX (Cuba and Guatemala City)

Lots of fun/good friends/good weather.

72/3 Joe KK5NA

Date: Mon, 27 Apr 1998 11:38:47
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [9216] Re: band plans et-all......
Message-ID: <3.0.3.16.19980427113847.2c6fb256@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Walt Amos wrote:
>> CW only needs the bottom 100 of all the bands , let the phone men have
>> the rest!
>
>You must be a phone-only operator. I don't agree.
>Lyn, W4WDN
>
Oh, I don't know....I think the bottom 100 of all bands would be fine, provided, the incentive class sub-sub bands were eliminated. Let anyone who wants to work CW, work CW anywhere in the CW segment, regardless of licence class. Then give the digi's the next 50 or 75 KHz segment ONLY, and we all might be happy......
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 27 Apr 1998 11:29:36 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: af852@rgfn.epcc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9217] Re: antenna restrictions follow up
Message-ID: <3544B270.16E81729@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William R Colbert wrote:
>
> Dan, what you might try for radial system is a tuned radial (1 per
> band operated) system attached to the groound terminal of your
> tuner. This was given a good write-up in Bill Orr's (W6SAI) book
> entitled "Wire Antennas". I have used this type radial system when
> operating portable (from hotel rooms in Belize), in the trunk of my
> car or under the floor mat in a station wagon (comes off the ground
> lug on the mobile mount) and it makes all the difference in getting
> out, in my opinion. As you probably wouldn't have space to stretch
> out the radial(s) in a straight line, it ok to run them along the base-

> board, or loop around in a small area under a carpet, etc. I think
> you will find it will enhance the operation of your lw antenna.

I agree with Ray. Tuned radial or counterpoise makes a lot of
difference.

You might use twinlead and cut one wire shorter than the other. If your antenna is long enough for 40M, you would use one part of the twinlead as a radial for 40/15 meters and the other for 20 meters. If you really wanted to increase the efficiency of the antenna, you might run radials around the room in two different directions. Worse case, you could leave coiled up until you want to operate and then lay the radials out inside the apartment. Tape the unused end. These tend to be at a high voltage point on the wire and will burn if someone should step on it. HI

73 de Dave, N0IT

Date: Mon, 27 Apr 1998 12:34:08 EDT
From: kh6b@juno.com (Dean W Manley)
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [9218] CW Morsecodians
Message-ID: <19980427.063458.5391.0.kh6b@juno.com>

Attention all CW Morsecodians, this is your day to celebrate.
Your mentor, Sam Morse, has his birthday today, April 27.
Our English brethren has started the festivities with a special
event station GB4SAM.

Dean KH6B

_____
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Date: Mon, 27 Apr 1998 08:41:23 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [9219] Re: RM Number ARRL/FCC

Message-ID: <19980427.093603.11310.0.gsurrency@juno.com>

Aw heck,

I just wish the ARRL would ship QST in a wrapper. The last several issues I have received looked like the dog chewed them up, thanks to the USPS. :-p

Since I just received a renewal request from the League, I think I may pass on it for just this reason. At least if I go to a magazine rack, I can pick out a QST that isn't torn to shreds. Why won't the League use a wrapper like QRPp does? <:-o

And yes, this new proposal would probably cause more problems than it would solve. If the FCC would just do its job, there'd be no need for such lunacy. However good the ARRL's intentions may be, I think it may cause more trouble than anything. IMHO.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D NC40A @5w
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 27 Apr 1998 10:42:39 -0600
From: Niel Skousen <nskousen@scientech.com>
To: qrp-l@Lehigh.EDU
Subject: [9220] WTB: Tentec 6m xvrtr
Message-ID: <199804271642.KAA29681@eaglerock.if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anybody have a built or unbuilt Tentec 6m transverter (6m-20m) they'd part with ??

Tnx Niel
---------- -.. . .-- .- --... ... .-   -----------------
Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG/NUSI
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID

nskousen@scientech.com   WA7SSA QRP-L.119
Z-----------------.-------------------------DN33wm--- . . . -

---

Date: Mon, 27 Apr 1998 11:39:23 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: vole@primenet.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [9221] N6WG QTTF Score Correction
Message-ID: <351A2DFAE256D111883A0060B06B1662661FE3@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Boy, I really shouldn't try to do arithmetic when both eyes aren't open.

Let's see. 116 QSOs x 5 points x 36 SPC x 4 for field should be 83,520
points.

That looks more like it. Seeing all the other reports with higher
scores for around the same kind of contacts made me wonder where I
dropped the ball.

73, Bob N6WG

Date: Mon, 27 Apr 1998 10:04:46 -0700
From: Brian Murrey <brian@iquest.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9222] New QRP wanna be
Message-ID: <3544BAAE.627F@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I've been a licensed radio amateur for about 10 years now. Spent most of
my early days on 2m and packet and about 5 years ago I gave up on ham
radio altogether. The family was growing, and I just didn't have the
time.

Now my kids are older and my time obligations are somewhat reduced. With
the help of KB9NDF I've gotten re-aquainted with amateur radio. I think
I would like to build a QRP rig and work on getting my CW back in shape.

I think the fastest I ever got was about 10 wpm, I'm not set on breaking any speed records or anything, I just want to be readable and have some QSO's.

I've been looking at QRP rig/kits on the internet. My Elmer says TenTec all the way, but I just have to ask. (This is an awesome list by the way) This is what I want. I want a small self contained QRP CW tranceiver that I can take camping, or hiking, or fishing. I'd like to have 3-5 watts of output power. I'll need a small antenna tuner because I'll probably be running through a random long wire or any other field day type of thrown together antenna. At times I get the opportunity to travel to various parts of the country and I'd like to take the whole mess with me so that I can work it from the hotel or hotel parking lot.

Grounding, how do you guys in the wilds ground your rigs for improptu QSO'ing?

What would you all suggest?

KB9BVN (Technician before Technician Plus was even around)

Thanks and 73

Date: Mon, 27 Apr 1998 13:04:58 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Subject: [9223] QRPTTF scheduling snafu w/solar-terrestrial condx
Message-ID: <Pine.LNX.3.95.980427130203.18564E-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Did anyone take a listen to the WWV report Saturday morning?

STINKO!

SF = 91
A = 24
K = 2

There'd just been a major solar event on Thursday. We heard nary a peep on 15 meters, and were very happy to work the few "DX" stations we did on 20m. Bob, thanks for the 4 corners!

de WQ3RP

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 27 Apr 1998 13:14:11 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: eax@w3eax.umd.edu, qrp-l <qrp-l@Lehigh.EDU>, Laurel ARC <larc-l@webtrek.com>,
bipsy@juno.com, jsm@cen.com, grao@umbc.edu, mapn4dr@erols.com
Subject: [9224] QRP Pizza & Pasta @ NF3I's, May 2, 1998, 6 p.m.
Message-ID: <Pine.LNX.3.95.980427131122.18564J-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

"What in the world am I getting myself into?"

NF3I's place
Saturday, May 2, 1998
6 p.m.

It seems that we haven't had a local QRP get-together in quite some time here. Being kinda sick of that, I'm volunteering to have people over at my place for spaghetti and pizza from wherever.

I have four burners on my stove and can cook up a LOT of spaghetti.

There are a half-dozen pizza places within 5 miles. YOU MAY/SHOULD BRING YOUR OWN PIZZA TO SHARE. In fact, it's recommended. Think of it as a "pizza tasting," except that we don't spit it out after sniffing it and the box, swishing it around and spitting it out.

And no, you don't HAVE to bring ANYTHING except yourself if that's the way you prefer it.

Now, don't get me wrong, I'm not PAYING for this thing, but given that it'll be at my house, it should probably be a heckuva lot cheaper than at a commercial establishment, and with far, far better atmosphere

(such as the mutilated carpet in the living room, the floor moldings the dogs chewed up, and of course, the existence of my cats and dogs begging for your food)

THEN AGAIN, I also have antennas (albeit most are less than efficient), giving us the chance to actually TRY OUT equipment that we bring for show

and tell!

Where? NF3I's place - look it up or ask for directions
When? Saturday, May 2 at 6:00 p.m.
How much? It kinda depends on what you eat. We'll work it out later.

What should I bring? Well, if you want to bring snacks, pizza, GOOD beer,
sodas, etc., please do so. I will provide the atmosphere and site. I'll
even try to clean up the backyard and put out a picnic table.

Oh yeah, bring your radio stuff, as well as your friends and families.

If you plan to attend, or are considering doing so, please let me know.

Thanks!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 27 Apr 1998 17:58:50 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9225] QRPTTF/WE6W
Message-ID: <3544C75A.2A7B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Worked TTF after QNI to WSN-40. Bands were
really tough. If you could hear the sound
of FOG, that is what the bands sounded like.

I know my antennas work since I operate 4 hrs.
each night after work at a QSO rate of 30/week
not counting contests or Nets.

Setup:
Drake TR-3 at 5 Watts to Dipole on 40 meters.
Drake TR-3 at 5 Watts to 3 foot wide loop on 20 meters.
Drake TR-3 at 5 Watts to same Short transmitting loop on 15 meters.

NOTE ON LOOP: Short tuned loop works great. I prefer
the narrower B/W so don't use any ground screen
connection. Sky wave signals are received nearly
omnidirectional as Bill/KD7S states.

Summary:

BAND	QSO's	SPC's	PTS
40	39	11	195
20	51	20	255
15	2	2	10

--

SCORE 92Q's * 33SPC's * 2(Home)= 30,360

Net QSO's last year was about 25, this year:55

So I'm getting better I guess.

I would like to Send a HUGE round of applause and
thanks to all operators making the effort to work
in the field.   And all participants in general.
Thanks for the fun ride. E-Ticket for sure.

I used the Les Logan #501 chrome bug throughout. Any
one working me on 20/15 meters knows what the loop
can do now. (Even with bad bands.)

I tried 30 Meters before/After the TEST but no
contacts. My 38Special tunes 10.114--10.134
so don't know if that is where everyone is at?

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Mon, 27 Apr 1998 14:06:19 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [9226] Re: QRPTTF......FUN
Message-ID: <3544C91B.825@arrl.org>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Clifton W Sikes wrote:

> a big score, but HUGE fun. Even got CO4BM and W1RFI, my first ever
> contact with Ed. I did talked to Joe AB7TT, and found out he got the

I had a ball, too, and thanks for the QSO, Clif. This was actually my first major W1RFI operation since I got my new call. I made a few QRO contacts from home a few weeks ago, but the QRPTTF got me back on the air big time. (I have been so darn busy with the FCC RF Exposure regulations and book that I just haven't had much of a "personal" life of late.)

I made about 40 contacts on 20 meters and about 8 or so on 40 (logs at home, in rather disorganized shape, I must admit). I was /M on 20 meter and strung a quarter-wave wire up about 10 feet for 40. I had real trouble finding a location near my hotel that didn't have S5++ line noise.

I was able to work a few West Coast stations, but note that there are a LOT of calls posting here that I didn't work. I spent about half the time calling CQ and the other half trying to ferret out the weak CQers in between the big guns, the big-gun/QRP and the digital sigs.

I think that a number of stations spent most of their time in the "hunt and pounce" mode. I heard a number of West Coast stations working others, but never managed to hear them calling CQ. I also noted that I didn't start hearing the West Coast very well until the last 2 hours of the contest.

If anyone wants a QSL from DEL, QSLL sure. QSL via my home address, or by email to w1rfi@arrl.org. I am going to see if I can get back to DE. Maybe I can try a Q class op from DE in the next CW SS from a serious station, if I can find someone willing to loan the station out to me. (no promises!)

72,
Ed Hare, W1RFI

Date: Mon, 27 Apr 1998 11:02:09 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>

To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9227] Re: band plans et-all......
Message-ID: <Pine.LNX.3.96.980427105932.2365A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Oh, I don't know....I think the bottom 100 of all bands would be fine,
> provided, the incentive class sub-sub bands were eliminated. Let anyone who
> wants to work CW, work CW anywhere in the CW segment, regardless of licence
> class. Then give the digi's the next 50 or 75 KHz segment ONLY, and we all
> might be happy......
> Steve, KD1JV....In the White Mountains of New Hampshire

I disagree with all sentiments so far. I feel we need, for any given
band, only two subbands: a CONTEST subband, and a NON-CONTEST subband.
The Contest subband should get 25% to 50% of the given band; the rest
should be devoted to non-contest use.

Within any one subband, *ANY* mode of operating for *ANY* license class
should be allowed. I'm sorry, but why should I, as a measley tech plus,
be restricted from accessing QRP's calling frequency on 40m? (If I
remember correctly) Restricting operating modes and power levels is good
enough, don't restrict band utilization as well.

Just my 32-bits worth.

==
      KC5TJA/6 | -| TEAM DOLPHIN |-
        DM13 | Samuel A. Falvo II
    QRP-L #1447 | Chief Architect and Project Founder

Date: Mon, 27 Apr 1998 11:13:51 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9228] Re: band plans et-all......
Message-ID: <Pine.LNX.3.96.980427111148.2365C-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Within any one subband, *ANY* mode of operating for *ANY* license class
> should be allowed. I'm sorry, but why should I, as a measley tech plus,
> be restricted from accessing QRP's calling frequency on 40m? (If I
> remember correctly) Restricting operating modes and power levels is good

> enough, don't restrict band utilization as well.

I just saw the paradox in my statement, above. What I meant to say was,
ANY mode of operating permitted by your license class should be allowed,
irrespective of frequency, provided it is within the alloted ham band.

> Just my 32-bits worth.

Seems like only 16 this time.

==
      KC5TJA/6 | -| TEAM DOLPHIN |-
        DM13 | Samuel A. Falvo II
    QRP-L #1447 | Chief Architect and Project Founder

Date: Mon, 27 Apr 1998 11:28:29 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: K2UD <K2UD@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9229] Re: Polypropolene Rope for Guys
Message-ID: <Pine.SOL.3.96.980427112802.1006A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Try this URL for lots of good rope:

http://www.QTH.com/rope/

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 27 Apr 98 11:28:12 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: brian@iquest.net
Cc: qrp-l@Lehigh.EDU (qrp)

Subject: [9230] Re: New QRP wanna be
Message-ID: <9804271828.AA13815@wizard.ucs.sfu.ca>

Hi Brian,

If you are after a camping rig, I don't think you can do better than
Small Wonder Labs, with Dave Benson NN1G. Check out his website for
more information.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

Date: Mon, 27 Apr 1998 13:39:48 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-l@Lehigh.EDU
Subject: [9231] Re: band plans et-all......
Message-ID: <3.0.2.32.19980427133948.00884100@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>....... and we all might be happy......

It'll never happen.

 Mike W9OJ

Date: Mon, 27 Apr 1998 11:41:37 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9232] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition
(fwd)
Message-ID: <110801bd720c$1cbd6470$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron makes a very good point.

How about if the FCC first implements the following rules:

It shall be illegal to operate illegally on the ham bands without a proper

ham license (and we really mean it this time!)

It shall be illegal to use language that you would not want your seven year old daughter to hear when tuning across the bands.

It shall be illegal to cause intentional interference, even when the object of your interference is doing something you don't like. (and we really mean it this time, too!)

    subpart (a): It shall be illegal to behave rudely on the air. (Rudeness is expected to be defined by the courts as "behavior that your mother would disapprove of.")

It shall be illegal to use more than the minimum power necessary to establish and maintain communications. (Gee, this sounds familiar -- where have we heard this before?)

It shall be illegal to initiate transmissions without first determining if the frequency is in use.

No amateur frequency may be adopted as one's personal property without first purchasing it at an official FCC auction. (We'll get around to this one when Congress next cuts our budget)

I'm sure there are a few more, but implementing these might make the subband rules moot.

Mike K1MG

>

Date: Mon, 27 Apr 1998 11:45:52 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: jmbrown@edge.net
Cc: qrp-l@Lehigh.EDU
Subject: [9233] Re: QRPTTF Score Question
Message-ID: <199804271845.LAA13391@usr05.primenet.com>

Howdy Folks,

Having missed most of last week due to a
nasty bug, work is a bit hectic today so

please forgive me if email replies are a
bit slow for awhile. :)

Glad to hear all had fun and returned
safely!

Jerry (N4EO) wrote:

> Tried to e-mail Joe, AB7TT, for answer, but my e-mail got bounced back.
> May a QRPTTF official out there see this and respond!

Good ol' QRP-L - the universal backup email
address. :-)

> For my score, computing which of the following formulas is correct?

Final Score = QSO points x SPCs x Location X Border Operator Multi.

So add all of your QSO points together first, then
add up total SPCs PER BAND and plug into the above
formula.

How's that sound?

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
 NorCal QRP, AZ ScQRPions, and many other fine,
 furry groups....

"It's hard to be unhappy when you have warm feet."
                      - Dave Rose, Fellow Snow Camper

Date: Mon, 27 Apr 1998 14:44:56 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-l@Lehigh.EDU, forsale-swap@qth.net
Subject: [9234] For Sale GPS 12 ch unit
Message-ID: <9f717e5f.3544d229@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Selling this for someone else who decided he doesnt need it
Brand new Magellan 12 CH 2000 XL.
He just got a super bargain on a dual band HT and can't afford it

New in the box used 1 time to get a Sat lock.
I tried it and lock up time is appx 20 seconds from a cold start
price is $150.00 with shipping
Box,manual, batteries etc.
Bob
WA2HOQ

Date: Mon, 27 Apr 1998 13:49:40 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9235] Band Plan
Message-ID: <199804271849.LAA03782@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

I would like to try a band plan where all modes could be used
anywhere in the bands, you know ,all mixed up. Wonder how that would
work.?
Larry Ac5ez

Date: Mon, 27 Apr 1998 14:42:18 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9236] Re: Band Plan
Message-ID: <Pine.GSO.3.96.980427144148.11487A-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It would be a disaster with being mixed up.

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Mon, 27 Apr 1998 13:58:53 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9237] mixed up
Message-ID: <199804271858.LAA05172@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

I thought the VEs were like that, you could work cw anywhere your
license allowed Thats not very clear. What I meant to say was that they
dont have separate band areas for voice or cw..
Ac5ez

Date: Mon, 27 Apr 1998 12:18:19 -0700 (PDT)
From: KB0VCC/1 <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [9238] QRPTTF ME/NH (well, ok. Just ME)
Message-ID: <19980427191819.13637.rocketmail@web2.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey Gang,

I'm sure by now you're all sick of the QRPTTF reports,
but I wanted to share a summary of my experience with you.

1000 UTC: Awoke to hard-driving rain.
1300 UTC: Drove 74 miles to QRPTTF location, cursing the WX all the way.
1500 UTC: Arrived to find the location condx were worse than expected.
          River level was EXCEPTIONALLY high and swift (10+kts, just
          starting the outgoing tide)
          Rain was relentless, I was getting soaked
          Aggressive Feral geese on the island were nesting and ganders

were standing watch and honking obnoxiously at me as I eyed the island from the shore.
River temp was +40F degrees
Air temp was +45F degrees

1545 UTC: Still not set-up. K1EYB (my Dad) arrived on the scene to help and be a voice of reason as I considered braving the river. He persuaded his only son that it wasn't worth the risk of widowing his Bride of 4 yrs and making his 3yr old daughter fatherless by trying to land on the island in that icy current, using a one-man rubber raft with oars while loaded down with 30 pounds of gear.

1600 UTC: Chickened out and decided to setup along the river, on the Maine side. Figured I'd give out just a single RST for ME only, so as not to alarm the purists. After all, I was actually 65 feet from the NH border.

1615 UTC: Had HB vertical up, and planted in the river. Added 33' radials and tossed one of them into the river too, for luck. Hooked up the antenna analyzer. Looked GREAT. Hooked up the OHR100, and NOTHING. Well, almost nothing. I was in a really DEAD spot because I was so LOW. Being in a river, it was uphill in every direction except S.E.

1700 UTC: Decided to head for higher ground, but stay close to the boarder so I broke "camp" and headed up stream above the dam (small hydro plant ???-output, three 12' dia generators spinning full-tilt) Drove into the "park" (grassy area with a plaque naming it as a park) along the river and near the inter-state bridge. Considered operating ON the bridge right AT the border, but when the first cop stopped by to see what I was up to, I decided to just stay in the park.

1730 UTC: Rain had stopped. Replaced by an icy WIND blasting from the NW. After a couple of failed attempts at working both sides of there border there by stringing a longwire and even loading the BRIDGE rail out of desperation, decided to go back to setting up the vertical. Hooked up the rig and was nearly deafened by the QRN from the overhead power lines from the hydro plant. Arrrrrr! But hey, I could hear some CW in there. Amazing what 50' of elevation can do for you.

1800 +/- UTC: Was finally "on the air" and made my first contact! As an honest Ham, I only gave out the ME RST, 'cuz at this location, I was a whole 80' from the border. So near, yet so far...

2200 UTC: Threw in the towel.

Conditions on 40m degraded as well as my operating position. The temp had dropped into the 30's as the wind (did I mention the WIND?) swung the vertical like a metronome. It was difficult to maintain a "good fist" with numb fingers and shivering. Ended up making only 4 successful contacts. Everyone left on the band that I could hear, I had already worked. All others (I'm sure there were several), I couldn't hear behind the QRN. My apologies to those who may have answered my CQ's who I couldn't hear and

sri if I QRM'd anyone.

In reflection, I still had a blast. I'm glad I made SOME contacts. This year's theme kinda handicapped me as op'ing from the border kept me in a valley, but as always with these expeditions, I learned a lot. Next time, I hope to have an OHR-500 (multi-band) and might I suggest a mountain/hill top theme for QRPTTF next year? Like, "Head for the Hills!"

72!
-Dale

P.S. Photos to be posted on the WEB page once I get
the chance to scan them in.

==========
 Dale Anderson   In the Mt Washington Valley
 KB0VCC   Conway, New Hampshire
 QRP-L #91 / CQC #251   Grid Sq: FN43KX
 ARS #234 / FISTS #3172   http://www.qsl.net/kb0vcc
==========

DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Mon, 27 Apr 98 14:15:07 CDT
From: QLF%mimi@magic.itg.ti.com
To: qrp-l@Lehigh.EDU
Subject: [9239] MANUAL NEEDED
Message-ID: <9804271915.AA09779@itg.ti.com>

From: Brad Bradfield   QLF

Subj: MANUAL NEEDED

Hello QRP'ers out there in Radio Land - - -

I recently bought a Heath IM-2410 frequency counter at a hamfest, and the foldout schematic was not in the manual. Does anyone have one of these that could make a copy of the schematic for me? I'd like a full sized copy, not a pasted up one, so I'll pay whatever the cost is for you to

take it to a copy center. Or send it to me and I'll have the copies made and your manual returned promptly.

FYI, I had something else come up and had to cancel out on QRPTTF. And I had my site all selected at On the Border restaraunt and cantina too. Right down at the end of the bar next to the ice tea and Margarita machines. Plenty of bean burritos to keep one warm during a cold night of pounding brass. Field Day's coming though. Listen for W5RIF and I operating from the San Francisco Ranch in the Davis Mountains. Class 1b-battery QRP with my Sierra. May even get in a little star gazing too.

72's es 73's,

Brad, WB0CGH

Date: Mon, 27 Apr 1998 11:47:38 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9240] [CQ-Contest] ARRL CAC Needs Input (fwd)
Message-ID: <Pine.SOL.3.96.980427114551.1056A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In case any of you would like to comment to them....

73, Ron,   SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

---------- Forwarded message ----------

The ARRL Contest Advisory Committee (CAC) seeks your input on the following two topics which it will be voting on in the near future:

1) Is the current Local Club (10 or fewer entries) geographical size restriction (All members must reside and operate within 20 miles of the club's center) proper for today's Local Clubs?

Should the CAC recommend to the ARRL Membership Services Committee (MSC) that the 20 mile limit for Local Clubs be:

A) Kept as is

B) Increased

C) Decreased

2) Should the CAC recommend to the MSC that Single Band entries be allowed as separate categories in the ARRL RTTY RoundUp?

Please send your comments as soon as possible to:

cac@arrl.org

Please post this message on any contest related web site, RTTY reflectors, newsletters, etc.

73!
Tim K3LR

ARRL CAC Chairman

--
CQ-Contest on WWW: http://www.contesting.com/_cq-contest/
Administrative requests: cq-contest-REQUEST@contesting.com

Date: Mon, 27 Apr 1998 11:42:10 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9241] Incentives
Message-ID: <Pine.SOL.3.96.980427113143.1006B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, now I'm gonna do it!!!

I like incentive licensing!

Without it, why upgrade? Why learn more? Why get better at CW?

I listened to the DX on 40m years ago and realized that if I wanted to continue working DX I needed to get my extra class.

I had been a general for years. But soon I had the extra. Because of this license I have moved into electronics for work.

This soceity that we live in today wants us to not try to excel because you can only do that at the risk of failure. And somehow failure is precived as bad!

But the other side of that coin is that anything worth having is worth working for! If victory came easy it would be hollow. If there is no incentive to upgrade, why bother?

Or maybe what people should think about is only one class of license. No steps along the way. Just start at extra. But I don't think many would go for that!

OBQRP:

Be sure to write up some short little summarys of the QRPTTF for me to put in the NCJ next issue! Photo's would be good too.

We need to continue showing the "Big Boys" how we have fun!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 27 Apr 1998 14:30:14 -0500
From: Mike - W0TMW <crucis@sky.net>
To: designserv@ipass.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9242] Re: QRPTTF-QRP'ers STILL MISSING!
Message-ID: <3544DCC6.2F465BE1@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hmmm, I thought it'd be Vne! (Velocity, never exceed. The speed where the wings come off.)

Mike - W0TMW

LYN wrote:
>
> Joe Gervais wrote:
>
> > "What... is the airspeed velocity of a fully laden sparrow?!?"
>
> Vmc+

--
==
Mike Watson, W0TMW   QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA   Grid: EM28st, ARS# 352, QRP-L# 1849
http://www.sky.net/~crucis   E-mail: crucis@sky.net ARCI# 9647
==

Date: Mon, 27 Apr 1998 15:29:25 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9243] Just my 8-bits worth
Message-ID: <009701bd7214$47441b00$89d633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

KC5TJA/6 Sam wrote " I'm sorry, but why should I, as a measley tech plus,
be restricted from accessing QRP's calling frequency on 40m?"

Come on Sam--QRP IS NOT FOR SISSIES---Upgrade!

The Old Buzzard said that.

Ken/ne0c at the Buzzard Roost.

Date: Mon, 27 Apr 1998 15:14:52 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9244] Fw: Band Plan

Message-ID: <009601bd7214$4660bfe0$89d633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Larry

Try CW on 14.198 MHZ, Part 97 makes that one of the frequencies CW can be operated on. Just call CQ and you will know what will happen.

Ken/ne0c at The Buzzard Roost
-----Original Message-----
From: Larry B <ac5ez@webtv.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, April 27, 1998 2:51 PM
Subject: Band Plan

I would like to try a band plan where all modes could be used anywhere in the bands, you know ,all mixed up. Wonder how that would work.?
Larry Ac5ez

Date: Mon, 27 Apr 1998 14:47:13 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [9245] qrp calling fre
Message-ID: <199804271947.MAA21300@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Sam, thats like saying "Why should I be restricted from the extra part of the band just because I dont have an extra class ticket"
my 2 cents

Ac5ez

Date: Mon, 27 Apr 1998 12:48:54 -0700
From: Andy Fox <foxes@theriver.com>
To: ne0c@1st.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9246] Re: Just my 8-bits worth
Message-ID: <3544E126.342A0D47@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I thought there was a Novice/Tech+ calling frequency at 7.110 MHz in
addition to the General/Advanced/Extra frequency of 7.040 MHz.

Of course, there is plenty of BCI in the Novice/Tech+ part of the band,
so there is certainly an incentive to upgrade ;-)
--
72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

Date: Mon, 27 Apr 1998 15:55:30 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: ne0c@1st.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9247] QRP Calling frequencieS on 40M....
Message-ID: <3.0.1.32.19980427155530.010aa134@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:29 PM 4/27/98 -0400, Ken Burrough NE0C wrote:
>KC5TJA/6 Sam wrote " I'm sorry, but why should I, as a measley tech
plus,
>be restricted from accessing QRP's calling frequency on 40m?"

I believe there are two QRP calling frequencies on 40M. One in the
General Class segment and one in the Novice/Tech Plus segment.

>
>Come on Sam--QRP IS NOT FOR SISSIES---Upgrade!
>
>The Old Buzzard said that.
>
>Ken/ne0c at the Buzzard Roost.
>
>
>
>
>

Date: Mon, 27 Apr 1998 16:06:28 -0400
From: John Mckee <JMcKee@RFMD.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [9248] QRPTTF reception reports
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-980427200628Z-3246@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Gang,

I was not able to operate but listened for a while from home with my
SST.
I heard CO4BM and a CO6?? (don't remember his call) on 20 meters with a
579 into N.C. They had some of the best signals I heard.
I was using my W3EDP wire without a tuner. Hope some of the Cuban ops
will consider the Flight of the Bumble Bees in July.

73,

John WB4OFT
Bumble Bee #3

Date: Mon, 27 Apr 1998 13:07:17 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [9249] QRPTTF Ops Also ARS Qualified?
Message-ID: <199804272007.NAA04028@usr06.primenet.com>

Howdy Folks,

Now that I'm getting (happily) buried with QRPTTF
logs, I've noticed that many of you travelled to
your final operating site under "human power".

Please note that the Adventure Radio Society
<http://www.natworld.com/ars> exists for just
that kind of operation! They sponsor ARS WAS
and have member stories/pictures at their
website, along with equipment weight tables, etc.

Now that backpacking season is here, I'll be
working on ARS WAS myself, but I realized that
many of you may already be halfway there after
QRPTTF! Nuts! I've got alot of catching up to
do.... :-)

Anyway, thought I'd point that out. Back to
the data mines....

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
 NorCal QRP, AZ ScQRPions, and many other fine,
 furry groups....

"And that, my Liege, is how we know the Earth
 to be banana-shaped." -- Monty Python and the Holy Grail

Date: Mon, 27 Apr 1998 16:08:39 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: ac5ez@webtv.net, qrp-l@Lehigh.EDU
Subject: [9250] Re: qrp calling fre
Message-ID: <431f54cc.3544e5c8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-27 15:53:03 EDT, you write:

<< Subj: qrp calling fre
 Date: 98-04-27 15:53:03 EDT

From: ac5ez@webtv.net (Larry B)
Sender: owner-qrp-l@Lehigh.EDU
Reply-to: ac5ez@webtv.net
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
 >>
Well here's my 2 bits worth.
I hold a general at this time,however,I can hold a qso at 25 wpm and since I have no real love for SSB,give me a 30 wpm send and receive cw test.
If I pass then let me operate in the cw extra band also.
You have no code tech's so why not CW only extras??
It's a two way street sometimes
BOB
WA2HOQ

Date: Mon, 27 Apr 1998 13:10:29 -0700
From: Andreas Junge <andreas@atltech.com>
To: qrp-l@Lehigh.EDU
Subject: [9251] RE: Just my 8-bits worth
Message-ID: <01BD71DD.DA7984F0.andreas@atltech.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

There is QRP in the Novice section ! Try between 7.110 to 7.120. I made many contacts there.

72,

Andreas, KF6NEB

On Monday, April 27, 1998 12:29 PM, Ken Burrough [SMTP:ne0c@1st.net] wrote:
> KC5TJA/6 Sam wrote " I'm sorry, but why should I, as a measley tech plus,
> be restricted from accessing QRP's calling frequency on 40m?"
>
> Come on Sam--QRP IS NOT FOR SISSIES---Upgrade!
>
> The Old Buzzard said that.
>
> Ken/ne0c at the Buzzard Roost.
>
>

Date: Mon, 27 Apr 1998 14:24:23 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9252] Re: mixed up
Message-ID: <Pine.SOL.3.91.980427142206.5374A-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, that's correct Larry...we can operate any mode, anywhere BUT the RAC organization strongly recommends we follow the IARU band plans, which , from what I have heard, most of us do...72 - Bruce(VE5RC)

On Mon, 27 Apr 1998, Larry B wrote:

> I thought the VEs were like that, you could work cw anywhere your
> license allowed Thats not very clear. What I meant to say was that they
> dont have separate band areas for voice or cw..
> Ac5ez
>
>
>
>
>
>
>

Date: Mon, 27 Apr 1998 15:25:38 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9253] SG2020
Message-ID: <03b301bd721a$a47ccb40$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

After reading the comments on CW with regards to the 2020, I am seriously thinking of cancelling my order (which has been a LONG standing order). Since I primarily use CW, and like not to hear many signals all at once, not sure the 2020 would be of any use.

anyone else have any ideas on this subject?

thanks
72

Jeff, AC4Hf
==========
Jeff M. Gold
Manager, Academic Computing Support
Tennessee Technological University

Date: Mon, 27 Apr 1998 14:29:53 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [9254] Great Plains Free Net
Message-ID: <Pine.SOL.3.91.980427142830.5374B-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well the Unix gurus have the GPFN up and running again so all is well
once more as rattray@gpfn.sk.ca is in business again...72 - Bruce(VE5RC)

Date: Mon, 27 Apr 1998 15:34:29 -0500
From: Jay Bromley <w5jay@alltel.net>
To: whalen@swcp.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9255] Re: IC sockets???
Message-ID: <3544EBD5.A9109E15@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom,

  This subject comes up quite a bit. Like QRP Bob from Wilderness once told me it depends on the socket. Look for gold plated machined sockets that are low profiled.
I think you could special order them from Radio Shack but, I get mine from Mouser
and at larger Hamfest. For those who have never seen machined IC sockets the pins are round and which makes them have more surface area. Where the IC plugs into the socket the holes are round instead of the usual slots. Looking into the holes you should see some gold plating on better sockets. Leave the rest and go the lower profiles.

  In answer to your question about sockets in the SST, I built five of them

so far and have used sockets in all with no problems. However I don't socket U5 (the video amplifier) because C28 is to close and these trimmers are pretty fragile. Talked to Bob today and he said he went back to the old style of trimmer in the new SST's so you may be able to socket U5 as well. I just soldered all my U5's and socket the rest.

  Tom I done it both ways. I have soldered in my IC's in the 40A and have socket the Sierra, all the SST's and a Oak Hills 100A. I have good success both ways. I don't live near the ocean, this may make a difference. It does get very hot and humid here, but I don't use my rigs out in the elements, (like in the rain, snow, ect). If the rigs ever do act flaky, I would wiggle the IC's and Camolin the pots and wish it well. I say go for the sockets!

73 de w5jay or just Jay

P.S. Just finished up a 40m SST for a friend after the TTF event on Saturday. My first contact was Ed (WE6W). Conditions were tough and I thought there was something wrong with the receiver because I had the volume control up all the way and could barely hear Ed call another station before we hooked up. Ed's a great op and we didn't make it long. It was quite a thrill to work someone I know from the list. Tuned down the band, with the volume still maxed out, and came across a station that blew my ears off.
Did the K5FO mod on C10 (15pf).
Another socket up SST on the air!!

Jay Bromley
Fort Smith, AR.

> Hello Fellow QRPer's
>
> My SST-30 arrived yesterday, and have just finished going through the
> parts list, and all the parts are there! Off to a good start anyway.
> Manual says not to use sockets for the IC's. My other QRP rigs all used
> sockets and did not mention any problems with using them. So, would this
> rig be different or what? Anyone use sockets in there rig and if so any
> problems with temp variance or vibration??
>
> Thanks and 72, Tom WB5QYT

Date: Mon, 27 Apr 1998 15:32:46 -0500
From: "Harley L. Miller" <hmiller@sound.net>
To: baswaplist@foothill.net

Cc: QRP-L@Lehigh.EDU
Subject: [9256] FS- Kenwood R599/T599 pair
Message-ID: <3544EB6D.6D8B@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm posting this for a friend who has no internet access. He has the R599/T599 Kenwood pair from Henry Radio. Cosmetically about 8-9 with some finger wear showing around some knobs. Has original manuals and a copy of the ARRL review from June 1971 QST. There is a problem with the transmitter, localized to the transmit mixer fet by a radio tech. Asking price is $375.00, plus shipping from 66044, all negotiable. If you're interested, contact:

William Ashburn N0KRJ
321 Indiana St
Lawrence KS 66044
(785) 841-8262

The QST article states, in part; "The R-599 is a completely solid-state amateur band receiver covering 160 through 10 meters, plus WWV at 10Mhz, and it has space available within the cabinet to house both a 6-meter and a 2-meter converter"

"The matching transmitter comes complete with PS and a full set of crystals. At the rated power input, this transmitter produces in excess of 100W output (cw) on 80, 40, and 20 meters, and 90W on 15 and 10 meters."

The xmtr is a hybrid with solid state up to the 12BY7 driver and S2001 tubes, which can be replaced with 6146Bs according to the article. Although I can't state definitely, it looks like this could be cranked down for QRP operation, since it is similar to the Yeasu FT-101x line. Since I have the manuals at this time, I can answer some questions on the physical characteristics of the set; for price negotiations you'll have to call, or write, Bill, N0KRJ at the above address & tele #.

Harley L. Miller   hmiller@sound.net
WB0ROQ

Date: Mon, 27 Apr 1998 16:56:08 -0400 (EDT)
From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-l@Lehigh.EDU

Subject: [9257] RE:Band Plan
Message-ID: <v01520d2cb16a699ce3de@[207.172.109.110]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I agree with Rich. The phone ops would spread from their already cramped phone subbands and come down into the CW portions - and we think that the QRM on 7.040 is bad now!! HI HI

73/72,
Craig, KF4NYZ

Date: Mon, 27 Apr 1998 13:56:14 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [9258] Re: Just my 8-bits worth
Message-ID: <Pine.LNX.3.96.980427135330.18575D-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 27 Apr 1998, Ken Burrough wrote:

> Come on Sam--QRP IS NOT FOR SISSIES---Upgrade!

I'm a wee bit offended by this statement. Did it ever occur to you that there may be a reason WHY I'm not anything more than a tech plus right now? It's not like I can just go and upgrade tomorrow. Please refer to my e-mail I sent to you privately.

For all those other folks who replied, thanks for the feedback. I was unaware of a novice subband calling frequency. Now all I need to do is finish my radio, and I'll be set. But as it stands now, I've not the time to complete the radio. That is why you never hear me on the air.

(Then there's the issue of acquiring an antenna for it.)

==
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | http://www.dolphin.openprojects.net

Date: Mon, 27 Apr 1998 17:06:58 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [9259] CALLING FREQUENCIES??
Message-ID: <a53e6c55.3544f373@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

FOLKS,
Forgive me for my ignorance on the subject but are CALLING FREQUENCIES where contact is made and then you move to another frequency for a chat or are calling frequencies really "homing frequecies" i.e. you look around 7.040 for QRP contacts. Just want to make sure I am operating correctly...thanks Alan KB7MBI

Date: Mon, 27 Apr 1998 16:09:49
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [9260] band plans
Message-ID: <3.0.1.16.19980427160949.42a730c4@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
I think all the talk about band plans is beside the point. There should not be FCC at all. At least that regulates the way they do. The first Amendment gives us freedom of speech and of the press ect. Talking on on a radio is speech which the FCC regulates. They will throw you in jail, confiscate your equipment ect if you use a transmitter without a proper license. This directly violates the First ammendment. Also, the Tenth Amendment says that whatever powers are not allocated to them in the constitution are given up to the states. The power to regulate the electromagnetic spectrum is not in the constitution and should thus be given to the states. The FCC is therefor unconstitutional. They do no have the right to govern speech on the radio! So, let the guy with the best rig, most powe, whatever succeed and get through!!

73,
Arnold kd5ckh/ag

Date: Mon, 27 Apr 1998 17:10:59 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: kt3a@juno.com
Cc: QRP-L@Lehigh.EDU, N4XY@ATT.NET, k4pqc@bellsouth.net, G.Heron@dialogic.com, w4qo@amsat.org, w4du@bellsouth.net, wa8mcq@abs.net, wa4nid@amsat.org
Subject: [9261] Re: FDIM Registration Update 28 April 98
Message-ID: <2.2.16.19980427170244.2797d648@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

FDIM Attendees and all,

I'm pleased to see the list of attendees is growing. And I'm very pleased to see so many of you, including speakers, on the list who sufferred through the first two years of the Technical Conference with our original "gang of five". Unfortunately my health will not permit attending this year. I wish you all well and wish I could be there with you. You've made a good choice in spending your QRP dollar. Somebody save me a copy of the proceedings!

73

Date: Mon, 27 Apr 1998 21:19:02 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [9262] QRPTTF
Message-ID: <19980427.211902.3766.3.wd3p@juno.com>

Time was limited - two kids baseball games during the prime TTF time slot. Ended up with 3 TTF QSO into 5 States. Played the FL QSO party a bit for 5 QSOs and picked up a VO1 station who was looking for FL stations, but he was sending CQ TEST so I grabbed him. So I total works out to 9 QSO's and 7 Multiplies. Might be the lowest score but no apologies here, the kids came first. Next year perhaps the baseball sked. will work out a bit more favorably.

73 de Larry....WD3P

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com

Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 27 Apr 1998 14:28:06 -0700
From: Bill Bennett N7DZ <wbennet@azstarnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9263] QRP TTF
Message-ID: <3544F865.56B73D2E@azstarnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lloyd K7NX and Bill N7DZ operated K7NX in the contest from the corner of AZ/NM/XE with modest success. We had Bill's kids along, so when the wind tore up our shelter and the wind and sun wore us all out, we terminated about 3 hours early. But we had some fun. Found almost nobody on 10 or 15. About three fourths of our q's were on 20m, the rest on 40m. Except for the wind, we had a nice location. We used Lloyd's Sierra radio with a 40m full wave sloping diamond loop. We will put up a few comments and pictures on the Tucson IBM ARC web page "someday soon". The page is at http://www.azstarnet.com/tiarc.

Bill N7DZ

Date: Mon, 27 Apr 1998 17:28:41 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [9264] Tonebursts, UK repeaters
Message-ID: <199804271728_MC2-3B2B-3621@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi guys,

There are no limited access or private repeaters in the UK. All are open =
to
all amateurs within their operational area, and are supported by voluntar=
y
subscriptions from the amateurs in that local service area.

The "normal" means of access is a 1750 hz tone for usually 500 ms. It is
possible to bring up most of the older ones by a whistle into the mic if
you get ti right. Many of the repeaters also have voice activation in tha=
t
you must speak "after the tone" within a further 1/2 second for about two=

seconds to avoid blippers who bring up the machine and then don't ID
themselves.

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Area Chairman, British Caravanner's Club
Web Pages <http://users.aol.com/bccscot/page1.html>

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Date: Mon, 27 Apr 98 10:37:27 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [9265] QRPTTF HI Details
Message-ID: <9804272037.AA07811@krypton.nmr.Hawaii.Edu>

Long report, QRPTTF, AH7R, Ho'omaluhia Botantical Park, Grid BL11

There was light rain and grey skies when we got to the park so
most of setup of tents, shelters, antennas etc. was done in the off and
on rain, with some bursts of intense tropical sun to raise lots of steam
from the wet grass.

I was using two "improved" verticals from my last trip. One
was an SLV with a 5 foot extension of PVC pipe on the base. It sported
an 18 inch aluminum disk at the base. The spike of the support peg and
three 9 inch tent stakes were all tied to the ground. It had three clusters
of 25 foot radials, 8 radials each for a total of 24, attached to the
tent stakes. The element was made from 1/4 inch braid. Two runs for
most of the lenght, ending in a short single run, then an 18 inch
section of 18 gauge wire and a cute little circle of brazing rod for the
very top. At the base was the smallest of the MFJ VersaTuners for a

base matching network. This thing tuned up quite well on 40-10 meters. It was very close to 26 feet tall.

The other was my "Stake Stick", 18 inches of 1/2 aluminum rod sharpened to a point with a Radio Shack mounting on it. Hustler whip parts are used with this. It had 16 radials 10 feet long and 12 radials 13.5 feet long. I had prepared a "resonator" by cutting out the insulator and wire from a 10 meter standard Hustler element and replacing it with 6 inches of copper pipe. One mast plus this element plus a 36 inch SS Radio Shack whip makes a tunable full size element on 10 meters. Two masts plus a short 9 inch whip makes a full size element on 15 meters. Two masts plus the 36 inch whip makes a full size 17 meter antenna. All of these are extremely broad banded and tuned up quite well with SWR's below 1.5:1. I found that a standard 17 meter Hustler resonator with the 36 inch whip tunes very well on 20 meters and is still quite broad banded.

Laying out all those radials is a hassle but I was anxious to test both antennas side by side. In all cases except 17 meters, the SLV was 3 DB louder, but both worked quite well, when the bands were not blacked out. On 17 for some reason the signals were nearly identical. I plan on using the Stake Stick for backpacking and more portable operations, and the SLV for camping in a more "field day" fashion.

Friday afternoon I checked into the 40 meter local SSB net and identified some problems with the crummy speaker plug on the back of the Alinco DX70t. But the antennas seemed to be working just fine. That evening I talked to Japan several times, VE7ZBK in BC and AD6FA on 40 meters without any trouble. Hear CQ, call one time, have QSO. It looked like it was going to be a good time testing antennas and working the contest the next day.

Saturday morning I awoke before dawn. There was a rather intense morning shower, but not before I managed a cup of prescription strength coffee on the stove outside the tiny tent where the rig was protected. I operate sitting crosslegged on a small mat on the ground in front of the rig which is propped up on its travel box. Nice to know I can still sit that way for six hours and manage to stand up again. 40 meters was churning with FAX, RTTY, SSB and even some CW, all JA stations. As contest time started I searched and searched on 40 for any sign of TTF. Finally, I called JH9BIY and chatted with him to confirm the antennas were working. He was running 30 watts.

I was going back and forth between 40 and 15. After two and one half hours of fading JA's, noise and dead bands I was checking the backpack for razor blade and composing my death haiku when suddenly on 21.061 I worked a station that started spitting out four, count them four, signal reports! It was a four corners station. In a brief flurry

of activity I netted a few more. There was hope again.

Then the sun came out. First thing we noticed was that the wonderful shade trees of two months ago were naked. They had dropped all their leaves. The lack of rain has been bad here as all the stuff has been getting "el nino'ed" to California.

Intense tropical sun on wet tent makes for instant sauna.

Temperature soared to 98 degrees in the tent at 100% humidity. Where the sun was hitting the tent floor directly through the door, there was a couple of blobs of candle wax from a lantern I was using the night before. As I watched it melted! It ran like water and soaked into the fabric of the tent floor and spread out into a big circle six inches across.

The rest of the day was war. Roaring dead bands which would jump to life for 10 minutes or so and then die down to no signals at all from top to bottom. I called CQ for several long periods on 10 meters out of desparation. I would go for an hour or more with no contacts and no signals except a few non-contest QRO signals down low in the band and some SSB up top.

The sun fortunately spent most of the day behind fairly thick clouds. I rigged a large umbrella as a "wind scoop" at the front door of the tent to deflect what breeze there was into the operating position and stripped down to a pair of swim trunks. I feared the vision of me in shorts would strike the few fellow campers blind, but since I only came out to umptuple check the connections on the antennas one more desparate time, not many suffered from the sight.

Of course, Saturday evening 40 meters was hot and 20 meters was open until 2 in the morning. The antenna testing was extremely successful. And as I look over the list of states worked, it ain't too shabby. Its all DX from here.

During the contest period I contacted:

AH6OZ; KK6MC/5; AA7QU; K4MF; W6ZH; W4DEC; KF6CTA; KN6WV; AE4RO; W5JAY; W5VBO; AE4MU

The same Shama Thrush from last time was there Friday night to give me a 15 minute cussing out about violating his territory and planting funny trees without limbs.

Saturday evening a large flock of tiny escaped cage birds attacked the SLV. As we had dinner under the tarp some distance away, while the Shama Thrush cheered them on, they lined up on the 24 gauge radial wires on

the ground. The would get in a straight line shoulder to shoulder down the length of one radial and peck at it. When I checked later several radials had been lifted up and moved about.

Disclaimer:

I am not responsible for everything I may have sent on CW while the sun was out and the tent temperature was melting wax inside.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
 HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

---

Date: Mon, 27 Apr 98 07:33:31 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [9266] QRPTTF HI, no skip, no glory
Message-ID: <9804271733.AA07465@krypton.nmr.Hawaii.Edu>

The Short Version:

We arrived in the park on Friday late morning to find grey skys and intermittent rain. We got shelter up first and I started working on the two vertical systems I was going to test.

The good news is the antennas worked extremely well. I am very pleased with both designs, the bad news is that on Saturday 40, 20 and 15 could be completely dead, not a single signal, for extended periods. I would fiddle with connections to no avail. 40 in the early morning about dawn was loaded with JA stations of all kinds, FAX, RTTY, SSB, some CW. No mainland US stations. When the JA's faded away, the band was dead. 15 was zero signals for quite a while and then I managed to work one of the 4 corners group. After that it was just a matter of putting up the AH7R "beacon" with the memory keyer, punching the button over and over and waiting for a sporatic E cloud or something to fill in the missing third skip I needed. I ended up with about a dozen hard fought contacts.

On the SSB local net that afternoon, several other Hawaii hams reported hearing dead bands for periods. One said 20 meters had no signals of any kind for a while during the morning. That makes it rough when everyone is two or three skips away. Sometimes I miss neighboring states.

As one might expect, 40 meters exploded after the contest. Saturday

evening it was extremely hot. I heard one signal that I could not believe.
He was 60+ over 9 on the meter so I was waiting for the KH6 callsign
figuring he was just down the road. He was in California. True he was
running 500 watts when I chatted with him, but even with the preamp off
and 20 DB of attenuation he was still jumping to 10 over 9 on the Smeter
bar graph. So I guess the new portable antenna designs work. Just not
during contests...

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
 HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County
~

Date: Mon, 27 Apr 1998 15:00:54 -0800
From: chunt@macromedia.com (Christian Hunt)
To: <qrp-l@Lehigh.EDU>
Subject: [9267] Re: band plans
Message-ID: <v02140b02b16abc894c14@[192.168.22.76]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I think all the talk about band plans is beside the point. There should
>not be FCC at all. At least that regulates the way they do. The first
>Amendment gives us freedom of speech and of the press ect. Talking on on a
>radio is speech which the FCC regulates.

The First Amendment guarantees your right to speak, it DOES NOT give you a
platform to speak from. The FCC regulates the platform. If you deregulate,
you get a situation where there is only one outcome: He with the most
powerful transmitter wins. Which generally equates to he who has the most
money, which again, usually means large corporations. So, it would only
make things worse. We are protected by the FCC from these corporations, who
would not hesitate to crush us in order to make a buck.

72/73 de KF6IHU - Christian

Date: Mon, 27 Apr 1998 21:52:21 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [9268] FL QSO Party - I ran too much power!

Message-ID: <19980427.215221.3766.4.wd3p@juno.com>

Since I couldn't do much in QRPTTF I played in the FL QSO Party - mostly on Sunday. Besides I'm also a county hunter at heart. Antenna was a simple dipole up about 30 feet. Took the OHR 100A for another test run. Turned the power down to 50 mWatts. The strategy that developed was to try them at that power. If the station could not copy and I felt so inclined I switch over to the full 5 Watts from the TS570s. Mostly kicked the power up for the mobiles. Stuck to 20 Meters only.

Ended up with 44 QSOs. Two were dupes. One answered my call to someone else and the second signed /M once and didn't the other time so he didn't get caught in my simple dup checking system. 27 QSOs into 21 counties at 50 mWatts.The other 14 QSOs were into 14 counties at 5 Watts. Got a total of 32 counties.

Next weekend is the CW county hunters contest. I wonder how many states I can get at 50 mWatts.

73 de Larry......WD3P in MD

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 27 Apr 1998 16:10:12 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU, homebrew@qth.net
Subject: [9269] Stuff for Sale
Message-ID: <3.0.3.32.19980427161012.00931aa0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have 28 assorted "Glass Mike" high voltage capacitors looking for a new home. Most of them are either 0.1uF or 0.05uF, 5kV units, but there are some smaller values with voltage ratings ranging from 2kV to 15kV. You can have the whole batch for $25 including shipping in the US. If more than one person is interested, I can break (figuratively speaking...) them into two batches (14 caps, more-or-less even distribution of values) for $15/batch shipped in the US.

Need a power distribution panel (19 in. rack mount)? I have one with a lighted switch on the front (don't think it's a circuit breaker) and six

duplex outlets on the back - 5 switched and filtered, one "hot" and unfiltered. The filter is a metal enclosed Sprague line filter rated at 30 amps. It has a heavy duty power cord (grounded and polarized - 120V). $25 shipped in the US.

Found a real goody while cleaning out the garage: An old US Signal Corps BC-221 frequency meter (with the original calibration book!) mounted on a 19-in. rack panel along with a 120VAC power supply. ("Meter" is a bit misleading; no meters on this thing! You measure frequency by applying an input signal and zero-beating it against an internal calibrated oscillator. Range is 125kHz to 20MHz.) It works, but the switches need cleaning and the filter caps in the power supply need replacing. This thing has been stored in bubble-wrap in a sealed box for 20+ years and is in good physical shape. If there are any antique electronics buffs out there who would like to have it, let me know. I can supply it either "as is" or "restored".

Larry, W1HUE/7

PS - I also have an old 450W Class C amp with lots of good (and probably some not so good) parts in it. Built this thing back in the 50's when I got tired of running 35W on 40 AM phone! (Could get about 120W out using Screen Grid Modulation or about 350W CW.) Anyone willing to drive to Idaho can haul it off...

Date: Mon, 27 Apr 1998 15:59:14 -0600
From: "Zoerb, Ron" <Zoerb.Ron@tci.com>
To: "'qrp-l_posting'" <qrp-l@Lehigh.EDU>
Subject: [9270] QPRTTF from WY/NE/CO and scoring (long)
Message-ID: <D1C278DC1C1FD111BBD200805FCCAA055D5DCA@copland.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

To all QRP'ers:

There is no cement marker at the junction of these three states, just a dirt road with a wheat field on one side and pasture on the other. You know you are in the right place when the sign on the south bound side says "caution road damage ahead" and the sign on the other side says "buckle up, its the law". Even my wife agreed, "this must be the place".

The tallest antenna support within a couple of miles was a small stack of hay bales which didn't get the W3EDP wire far enough off the ground to be effective. All other attempts to improve the situation soon blew

over in the wind or were bowled over by the migrant tumble weeds moving from state to state. The backup plan was a mag mount Hustler. Yes, I know "that won't work", but that was the only option.

I operated for about 5.5 hours with a couple of breaks. Conditions seemed to improve somewhat later in the day. A few weak signals were heard on 15 meters, but I got little response to my CQs. Tried 40 meters and encountered a very high noise level but did manage to log KK6MC at UT/CO/NM/AZ after 20 minutes of trying. Spent the rest of the time on 20 meters where the conditions were really up and down. Heard NA5N start to call CQ and before he finished, the signal disappeared. This was a common situation most of the day.

The high lights of the day were working the other border ops (N7CEE, K9TSM, KK6MC, N4ROA and WA2IPZ) with 3 or more states. Thanks!

My favorite DX, well you don't get much in this part of the country, but did log several VE3 and VE6 stations, thanks guys and gals.

I have needed only "DE" for my WAS for about a year and knew Ed (W1RFI) was planning to be there for part of the weekend, well I heard him calling CQ and tried several times to answer with no luck. With about 30 min. to go, he answered my CQ, and was I tickled.... well it won't count because of my location... 150 miles from home. Oh well, there will be others.

If any one wants a QSL, officially my location was in Nebraska by a foot or so, or a QRPTTF QSL for all three will be possible too.

Rig = Ten Tec ARGO 556 @ 5W. Ant = W3EDP blowing in the wind & Hustler mag mount.

70 contacts = 84 QSOs = 420 QSO pts. X 40 (SPC) = 16,800 X 4(field) = 67,200 X
3 (border multi) = 201,600 Total

Band	QSO	Mult
40CW	5	5
20CW	76	33
15CW	3	2
total	84	40

This was really a GREAT event and theme. It would be nice to see it continue. Wouldn't a
MT/SD/WY be fun? Thanks for your efforts and patience.

72 de kioii Ron

Date: Mon, 27 Apr 1998 18:15:10 -0400
From: olyellr@iglou.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9271] Re: band plans, upgrading, and mixed modes.
Message-ID: <3.0.5.32.19980427181510.007c9af0@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:09 PM 4/27/98, Roger Braker wrote:
>Hi Guys,
>I think all the talk about band plans is beside the point. There should
>not be FCC at all. At least that regulates the way they do. The first
>Amendment gives us freedom of speech and of the press ect. Talking on on a
>radio is speech which the FCC regulates. They will throw you in jail,
>confiscate your equipment ect if you use a transmitter without a proper
>license. This directly violates the First ammendment. Also, the Tenth
>Amendment says that whatever powers are not allocated to them in the
>constitution are given up to the states. The power to regulate the
>electromagnetic spectrum is not in the constitution and should thus be
>given to the states. The FCC is therefor unconstitutional. They do no have
>the right to govern speech on the radio! So, let the guy with the best rig,
>most powe, whatever succeed and get through!!
>
>
>73,
>Arnold kd5ckh/ag
>

This logic, and the "why should I have to upgrade" logic belongs on 11 meters, the classic example of lack of regulation. It's not worthy of discussion here.

Same with mixing all modes.

When that happens we can all just start calling "CQ Good buddy, CQ CQ 10-4"

Mike L.

73, de KE4HLU   **Fists CW Club**
FISTS #4139   The International Morse Preservation Society
QRP-L #1395   "...accuracy transcends speed,

...courtesy at all times"

Date: Mon, 27 Apr 1998 15:23:01 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: mike@krypton.nmr.Hawaii.Edu
Cc: qrp-l@Lehigh.EDU
Subject: [9272] Re: QRPTTF HI Details
Message-ID: <199804272223.PAA06645@usr09.primenet.com>

Howdy!

Mike (AH7R) wrote:
>
> I was checking the backpack for razor blade and composing my
> death haiku when suddenly on 21.061 ...

Ooooo! Let me try! (Haiku: 17 syllables, 5/7/5, must
capture a moment in time...)

QRPTTF Haiku of Woe (for AH7R, by Zen Master AB7TT)

Empty log stares as
Solar flux mocks this station;
My sore butt cries out.

And they say we tech types aren't creative... Bah! :-)
Sorry ya couldn't get on 20m during QRPTTF, Mike,
but thanks much for hanging out and sticking with
it. You were the highlight for a few of the ops!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And that, my Liege, is how we know the Earth
 to be banana-shaped." -- Monty Python and the Holy Grail

Date: Mon, 27 Apr 1998 22:37:11 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9273] Dupesheets/SPC's
Message-ID: <35450897.F91@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's something I do to use the dupe sheet state list
at the bottom of the page.
Just an Idea I came up with.

Here's part of an email I sent to a fellow ham
regarding SPC's and dupe sheet usage:

OH. A neat trick for states. I operate 40/20/15/10 meter
I use a dot system where I put a dot at 9:00 O'clock, 12:00,
3:00, and 6:00. So when the contest is all over I check my
states:

   EXAMPLE 40 Meters
    *CA *AZ *MN *RI

 EXAMPLE 40/15Meters
    CA *AZ *MN* *RI   <==== GOT CA and MN on 40 and 15 meters.

SO you can check al your SPC's really easy.

Count up each band and only use 1 sheet of paper.

Have fun.
-Ed
--
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Mon, 27 Apr 1998 17:38:41
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [9274] Re: band plans, upgrading, and mixed modes.
Message-ID: <3.0.1.16.19980427173841.3cdf978c@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In other words, the government knows better than we do and it's OK to break the constitution if the outcome is "better"? The end justifies the means? You guys sound like Socrates and Plato, the real fathers of socialism. Regulation inhibits creativity. If Tesla had to deal with the FCC. he would have never accompilished what he did. Either he would have never tried, or would have spent his whole life fighting government red tape. The more regulation, the closer we come to communism. I'm not talking about upgrading. I just did that last week because I'm not into a law suit against the Washington right now:-)
>
>
>73,
>Arnold kd5ckh/ag
This logic, and the "why should I have to upgrade" logic belongs on 11 meters, the classic example of lack of regulation. It's not worthy of discussion here.

Date: Mon, 27 Apr 1998 18:49:21 -0400
From: "James Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9275] RS 5 Band Antenna
Message-ID: <01bd722e$b833b360$5213a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,
I had one of the RS Ribbon Antennas from sometime back, when they were $9.99, but I just tossed it into the junk box. With all the talk I got it out and made some cuts on it using the 468/freq.
I cut for 30/20/17/12/10 meter..Wow I thought that would be great to have an Antenna just about 46 feet in length to cover all of those bands with out a tuner. I was carful to make each cut to my choosen freq on each band. I get the Antenna up, it's in the house but not touching the walls or anything else and not doubled over so I figure that should work just fine, as I have a inside 15 meter dipole that works GREAT+ and a 40+ Meter Upside Down Inverted V Loop in the attic (thanks Bruce,it works GREAT!).. Anyway, first I try 30 Meter because once I get my code speed up I want to work alot of 30...SWR off the scale, my Argo meter almost broke, hmm or something like that really high, 20 meter same story, 17 meter, the same, 12 meter, hmm bad

but not as bad, 10 meter, work really great swr on 10 meter...Not bad for a 46' 10 meter dipole....I check the connections, my measurments, move the antenna around new coax all the normal stuff and it's just crap!
Anyway, was just wondering do I have to allow for the other wire when I measure? Like a half wave might be shorter/longer in the multi-band ribbon? Also would it even work that way with out a tuner? It seems to work fine when I use the MFJ-949C Tuner I can tune any of the 5 bands flat....
Anyone care to E-mail me what they did to their RS Ribbon Ant, and how it worked ect...?

On another subject, call sign change KC4SMH to KU4QW, 6 years ago I thought I would never upgrade from General, because I couldn't learn the theory on the Advanced test. Joined QRP-L, built some kits read alot and wow "I R ADVANCED", hope to get eXtra in June or so....
And one more thing, UT the home of my great homepage, and some little homepage by some guy called L.B. (HI HI) is getting (at last) new short addresses, you can use
http://web.utk.edu/~fielden/ for me and
http://web.utk.edu/~cebik/radio.html for that other guy :)

My code speed best I can tell is just about 11 to 13 wpm at best so if you hear me on give me a shout so I can get some practizing on that there morse code....

72,

Jim -- KU4QW
ex:KC4SMH
fielden@utkux.utcc.utk.edu
http://web.utk.edu/~fielden/

End of QRP-L Digest 1073
****